DATE 09/26/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025018

APPLICANT MARK HADDOX PHONE 755-2411

ADDRESS P.O. BOX 3535 LAKE CITY FL 32056

OWNER WILLIS & KATHRYN BUTLER PHONE 752-3536

ADDRESS 513 SW PHILLIPS CIRCLE LAKE CITY FL 32055

CONTRACTOR WOODMAN PARK BUILDERS PHONE 755-8699

LOCATION OF PROPERTY 90W, TL ON 252B, TR ON PHILLIPS CIRCLE, TL FIRST ROAD
PHILLIPS CIRCLE, 6TH ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 90500.00

HEATED FLOOR AREA 1810.00 TOTAL AREA 3475.00 HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 20

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 03-4S-16-02739-222 SUBDIVISION TURKEY RUN

LOT 22 BLOCK PHASE UNIT TOTAL ACRES

000001214 | | | Applicant/Owner/Contractor

Culvert Permit No. | Culvert Waiver | Contractor's License Number | Applicant/Owner/Contractor

CULVERT | 06-0843-N | BK | JH | | |

Driveway Connection | Septic Tank Number | LU & Zoning checked by | Approved for Issuance | New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 1850

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by | Foundation date/app. by | Monolithic date/app. by

Under slab rough-in plumbing date/app. by | Slab date/app. by | Sheathing/Nailing date/app. by

Framing date/app. by | Rough-in plumbing above slab and below wood floor date/app. by

Electrical rough-in date/app. by | Heat & Air Duct date/app. by | Peri. beam (Lintel) date/app. by

Permanent power date/app. by | C.O. Final date/app. by | Culvert date/app. by

M/H tie downs, blocking, electricity and plumbing date/app. by | Pool date/app. by

Reconnection date/app. by | Pump pole date/app. by | Utility Pole date/app. by

M/H Pole date/app. by | Travel Trailer date/app. by | Re-roof date/app. by

BUILDING PERMIT FEE $ 455.00 CERTIFICATION FEE $ 17.38 SURCHARGE FEE $ 17.38

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 589.76

INSPECTORS OFFICE Gale Tedder CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Fitness - 9/21/06

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0609-04 Date Received 9/5 By JW Permit # 12142/5018

Application Approved by - Zoning Official BLK Date 9.09.06 Plans Examiner OKOTH Date 9-11-06

Flood Zone XSPlat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den.

Comments Signed Env Health Plat Requires 1ST Floor Elevation to be 115.0 ft Elevation letter Required

Applicants Name Mark Haddox Phone 386-755-2411

Address P.O. Box 3535 Lake City FL 32056

Owners Name Wiki + Kathryn Butler Phone 386-752-3536

911 Address 513 SW Phillips Circle

Contractors Name William Wood (Woodmen Park Bldrs) Phone 386-755-8699

Address P.O. Box 3535 Lake City, FL 32056

Fee Simple Owner Name & Address

Bonding Co. Name & Address —

Architect/Engineer Name & Address MARK HADDOX

Mortgage Lenders Name & Address N/A

Circle the correct power company – FL Power & Light – Clay Elec. – Suwannee Valley Elec. – Progressive Energy

Property ID Number 03-4S-16-02739-221 Estimated Cost of Construction 225,000.00

Subdivision Name Turkey Run Lot 22 Block ____ Unit ____ Phase ____

Driving Directions 90 to 252B (South) FL to Turkey Run S/D (Rt) on South ~~End~~ PHILLIPS CIRCLE ON R TL on first Phillips Circle, 6th lot on left

Type of Construction Residential Number of Existing Dwellings on Property 0

Total Acreage 1/2 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 40' Side 30' Side 30' Rear 165'

Total Building Height 20' Number of Stories 1 Heated Floor Area 1510 TOTAL 3475 Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CBC058182

Competency Card Number

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 31 day of August 2006.

Personally known ✓ or Produced Identification ____

Notary Signature

Brenda Terry
My Commission DD293886
Expires February 24, 2008

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property: Residential lot # 22 in Turkey Run S/D
Parcel # 03-4S-16-02739-222

2. General Description of Improvement: New Construction- Residential House

3. Owner Information:
   a. Name and Address: Willis + Kathryn Butler
   513 SW Pinellas C.S. 32024
   b. Interest in Property: owner
   c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor (name and address): William Wood (Woodmen Park Bldrs)
P.O. Box 3535 Lake City FL 32056

5. Surety:
   a. Name and Address:
   b. Amount of Bond: N.A.

Inst:2006020933 Date:09/05/2006 Time:09:43
DC,P.DeWitt Cason,Columbia County B:1094 P:2223

6. Lender (name and address):

7. Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Florida Statutes 713.13(1)(a)(7):

8. In addition to himself, owner designates:
to receive a copy of the Leinor's Notice as provided in Florida Statutes 713.13(1)(b).

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified):

Willis Butler
Type Owner Name: Willis Butler

Kathryn Butler
Type Owner Name: Kathryn Butler

Sworn to and subscribed before me this 31 day of August, 2006.

Personally Known X
Produced ID
Did/Did Not Take an Oath

Mark Haddox
Type Notary's Name
Notary Public, State of Florida
Commission Expiry & Number:

MARK HADDOX
MY COMMISSION # DD 523745
EXPIRES: March 1, 2010
Bonded Thru Notary Public Underwriters

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 04-443
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2004015416 Date:07/02/2004 Time:11:59
Doc Stamp-Deed : 157.50
DC,P.DeWitt Cason,Columbia County B:1019 P:2592

Property Appraiser's
Identification Number R02739-222

WARRANTY DEED

THIS INDENTURE, made this 28th day of June, 2004, BETWEEN JERRY T. WOOD, A Single Person, whose post office address is Post Office Box 2817, Lake City, FL 32056, of the County of Columbia, State of Florida, grantor*, and WILLIS J. BUTLER and KATHRYN M. BUTLER, Husband and Wife whose post office address is _____ Post Office Box 3416, Lake City, FL 32056 , of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 22 of TURKEY RUN, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 116-117 of the public records of Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Inst:2004015416 Date:07/02/2004 Time:11:59
Doc Stamp-Deed : 157.50
DC,P.DeWitt Cason,Columbia County B:1019 P:2593

Signed, sealed and delivered
in our presence:

(Signature of First Witness)
Crystal L. Brunner
(Typed Name of First Witness)

(Signature of Second Witness)
DeEtte F. Brown
(Typed Name of Second Witness)

Jerry T. Wood (SEAL)
Grantor
JERRY T. WOOD
Printed Name

STATE OF Florida
COUNTY OF Columbia

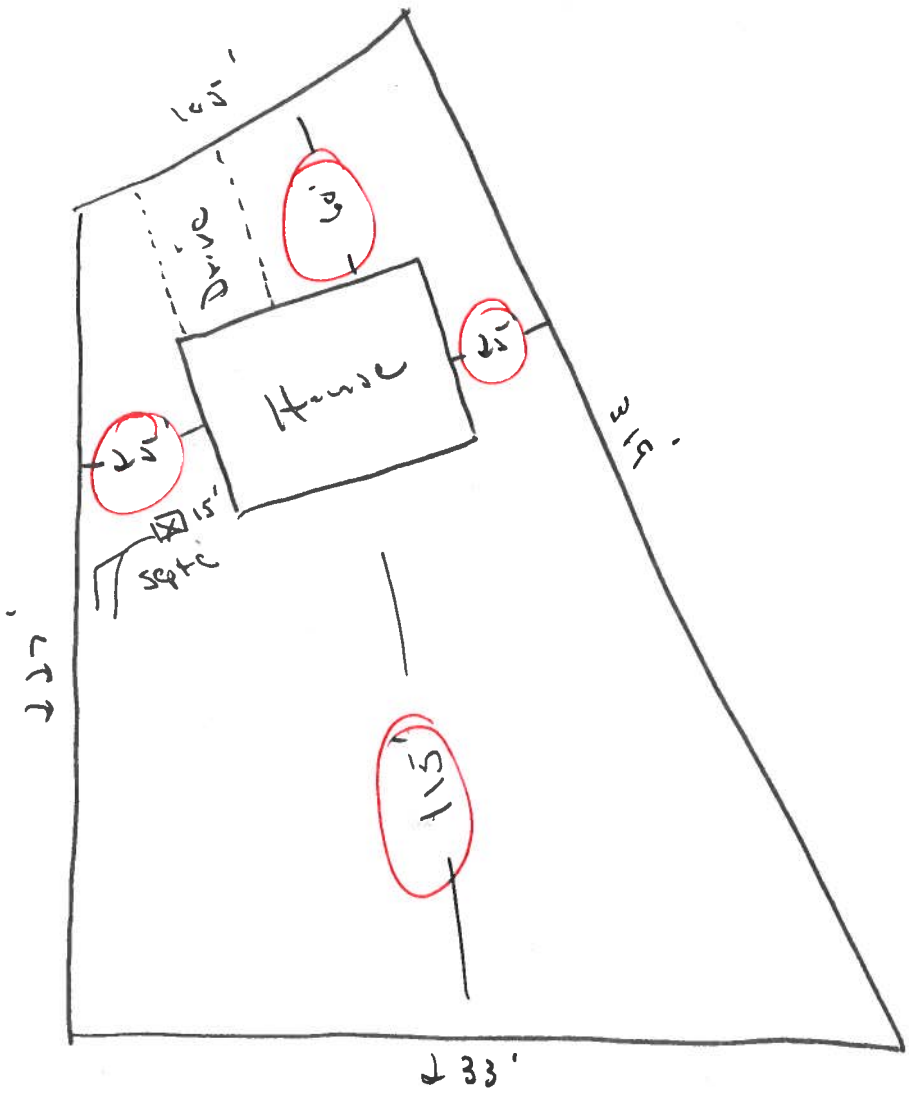
The foregoing instrument was acknowledged before me this 28th day of June, 2004, by JERRY T. WOOD, A Single Person, who is personally known to me and who did not take an oath.

My Commission Expires:
6-30-05

Notary Public
Printed, typed, or stamped name:

CRYSTAL L. BRUNNER
MY COMMISSION # DD 010330
EXPIRES: June 30, 2005
Bonded Thru Notary Public Underwriters

Butler
Site Plan
Lot 12 Turkey Run



City water

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

2006 Proposed Values

Parcel: 03-4S-16-02739-222

Tax Record | Property Card | Interactive GIS Map | Print

<< Prev Search Result: 47 of 50 Next >>

Owner & Property Info

Owner's Name	BUTLER WILLIS J & KATHRYN M
Site Address	TURKEY RUN
Mailing Address	P O BOX 3416 LAKE CITY, FL 32056
Description	LOT 22 TURKEY RUN S/D.972-1854 WD 1019-2592.

Use Desc. (code)	VACANT (000000)
Neighborhood	3416.00
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	0.970 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$38,250.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$38,250.00

Just Value	$38,250.00
Class Value	$0.00
Assessed Value	$38,250.00
Exempt Value	$0.00
Total Taxable Value	$38,250.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
6/28/2004	1019/2592	WD	V	Q		$22,500.00
1/22/2003	972/1854	WD	V	U	02	$155,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.970AC)	1.00/1.00/1.00/1.00	$38,250.00	$38,250.00

Columbia County Property Appraiser DB Last Updated: 8/1/2006

<< Prev 47 of 50 Next >>

Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a work in progress and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are NOT CERTIFIED values and

03-4S-16-02739-222

LOT 22 TURKEY RUN S/D.972-1854
WD 1019-2592.

BUTLER WILLIS J & KATHRYN M
P O BOX 3416
LAKE CITY, FL 32056

03-4S-16-02739-222

Columbia County 2006
CARD 00
PRINTED 8/01/2006 11:09 BY J
APPR 8/20/2003 JEFF

BUSE		AE?	HTD AREA	.000	INDEX	3416.00	DIST	3	PUSE 000000 VACAN
MOD	BATH		EFF AREA	60.752	E-RATE	.000	INDX	STR 3- 4S- 16	
EXW	FIXT		RCN				AYB	MKT AREA 06	
%	BDRM		%GOOD		BLDG VAL		EYB	(PUD1	
RSTR	RMS							AC .970	38,
RCVR	UNTS		FIELD CK:					NTCD	
%	C-W%		LOC: TURKEY RUN					APPR CD	
INTW	HGHT							CNDO	38,
%	PNTR							SUBD	
FLOR	STYS							BLK	
%	ECON							LOT	
HTTP	FUNC							MAP# 45A	
A/C	SPCD								
QUAL	DEPR							TXDT 002	
FNDN									
SIZE								BLDG TRAVERSE	
CEIL									
ARCH									
FRME									
KTCE									
WNDO									
CLAS									
OCC									
COND	%								

SUB A-AREA % E-AREA SUB VALUE

PERMITS

NUMBER DESC AMT

SALE

BOOK PAGE DATE
1019 2592 6/28/2004 Q V
GRANTOR JERRY WCOC
GRANTEE WILLIS J & KATHRYN M BOT
972 1854 1/22/2003 U V
GRANTOR PHILLIPS
GRANTEE WOOD

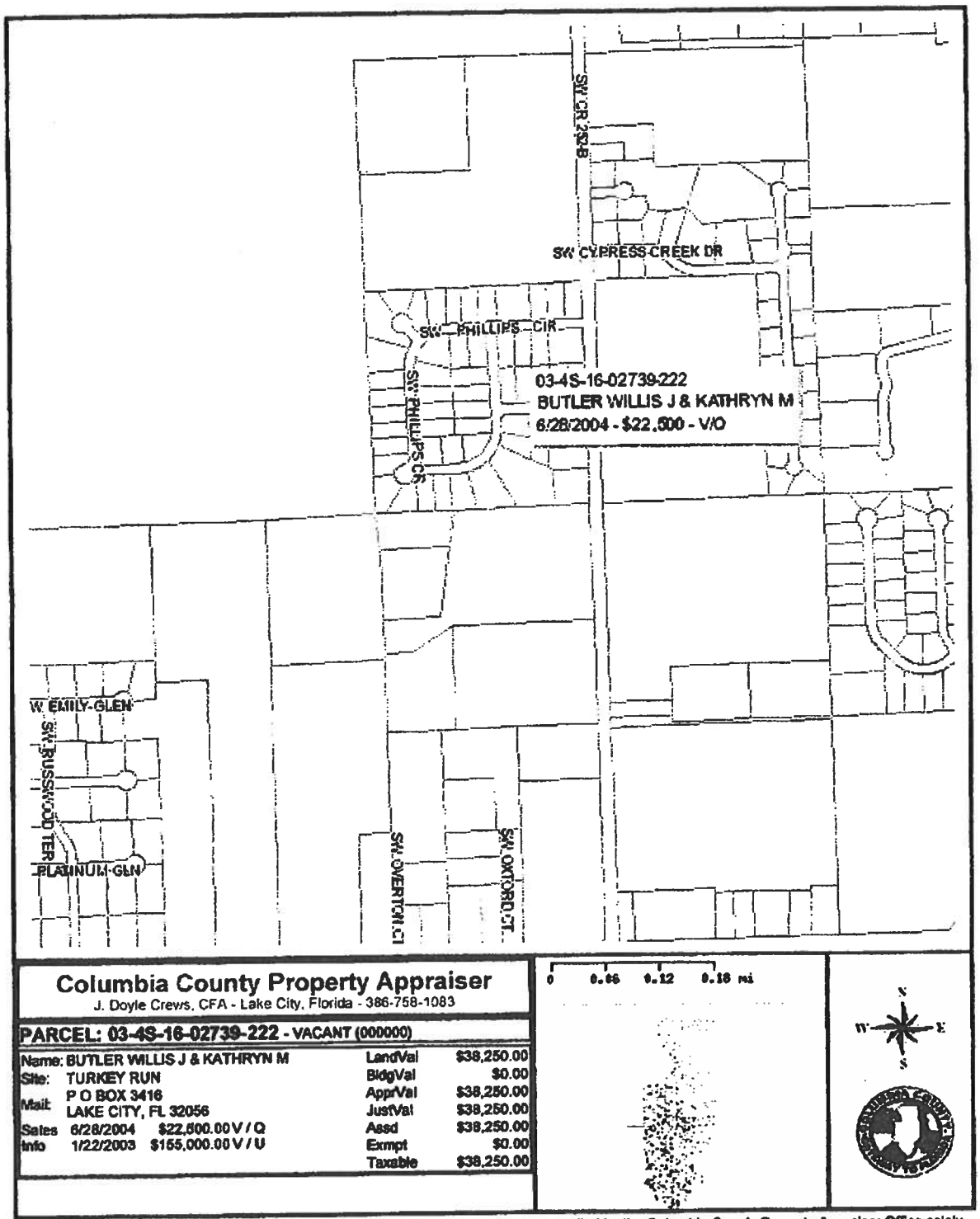
TOTAL

EXTRA FEATURES

AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ UT PR	SPCD %	%GOOD	XF

AE	LAND CODE	DESC	ZONE	TOPO	ROAD	UTIL	UD1	UD2	UD3	UD4	FRONT	BACK	DEPTH	DT	FIELD CK: ADJUSTMENTS	UNITS	UT	PRICE	ADJ UT PR	LAND
Y	000000	VAC RES	RSF-2	0007											1.00 1.00 1.00 1.00	1.000	LT	38250.000	38250.00	
				0002	0003															

2006



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 03-4S-16-02739-222 - VACANT (000000)

Name:	BUTLER WILLIS J & KATHRYN M	LandVal	$38,250.00
Site:	TURKEY RUN	BldgVal	$0.00
Mail:	P O BOX 3416 LAKE CITY, FL 32056	ApprVal	$38,250.00
		JustVal	$38,250.00
Sales	6/28/2004 $22,500.00 V / Q	Assd	$38,250.00
Info	1/22/2003 $155,000.00 V / U	Exmpt	$0.00
		Taxable	$38,250.00

This information, GIS Map Updated: 8/1/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

SYSADM.RPT

0

PARCEL_I	ADDRESS	NEWCITY	NE	NEWZI
02739-222	513 SW PHILLIPS CIR	LAKE CITY	FL	32024

1 records selected.

Butler
Lot 12 - Turkey Run

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

Pat Lynch
LYNCH DRILLING
P. O. BOX 934
Branford, FL 32008-0934
(386) 935-1076

Woodman Park Bld
Wells Butler
Parcell # 03-4S-16-02739-222

DATE: 9-11-06

4" Water well complete with 4" black water well steel casing, 1HP submersible pump (20 gpm) with 1 ¼" galvanized drop pipe, and 81 gallon captive air tank (21.9 gallon drawdown) (maximum 100 feet included) .....

Additional footage over 100 feet will be charged at $8.00 per foot.

Suwannee River Water Management District – well permit .....

Estimated total package .....

Well will be complete at the well site. We do not include electrical nor plumbing connections from the well to the home and/or power pole.

Prices on estimates are subject to change, if estimate is over 30 days old, unless specific arrangements are made to extend limit. Estimated depths are available upon request and after review of the specified location.

Note: Columbia County base price SRWMD permit + footage as applicable.

THANK YOU!

Seller shall retain title to the described merchandise until such merchandise has been paid for by the buyer, however, buyer shall have the right to use, display, move, prepare, or otherwise deal with the merchandise solely in connection with the sale of such merchandise to buyers in the ordinary course of business. The merchandise delivered hereby is to be paid for upon delivery and if not paid for within thirty (30) days after receipt, interest and service charges shall accrue at the rate of 1 ½% per month; this charge is equivalent to an interest rate of 18% per annum from the date of receipt. In the event it shall become necessary for seller to collect the purchase price, or any part thereof, buyer agrees to pay to seller all of the cost of collection including reasonable attorney's fees and all incidental damages suffered by the seller. The buyer shall have five (5) days after receipt to notify seller of any defects or shortages in the merchandise. If buyer has not so notified seller within such five-day period such rights shall have waived and such merchandise shall be deemed to have been received in good condition. Seller warrants that the merchandise is merchantable and free from defects in material and workmanship. Seller makes no other express or implied warranties and does not warrant that the merchandise is fit for any particular purpose. Buyer further agrees that the site of this contract and place for payment is Suwannee County, Florida. The buyer acknowledges acceptance of the above stated items and conditions if this sale by his receipt and retention for five days the merchandise shipped or delivered by the seller.

NOT RESPONSIBLE FOR QUALITY OF WATER

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**WILLIS BUTLER RESIDENCE**	Builder:	**WOODMAN PARK BUILDERS**
Address:		Permitting Office:	**COLUMBIA COUNTY**
City, State:	,	Permit Number:	25018
Owner:	**WILLIS BUTLER**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	1810 ft²	13. Heating systems	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		a. PTHP	Cap: 42.0 kBtu/hr
a. U-factor: (or Single or Double DEFAULT)	7a. (Dble Default) 227.3 ft²		COP: 3.50
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 269.3 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 176.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.93
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.2, 1293.8 ft²	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
b. Frame, Wood, Adjacent	R=12.9, 427.5 ft²	15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1809.8 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 70.0 ft		
b. N/A			

Glass/Floor Area: 0.15	Total as-built points: 22852 Total base points: 27801	PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: Larry Rasmussen alc

DATE: Aug 30, 2006

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1810.0	20.04	6529.0	Double, Clear	N	6.5	6.0	45.0	19.20	0.70	603.3	
				Double, Clear	S	10.0	6.0	15.0	35.87	0.46	248.6	
				Double, Clear	SE	10.0	6.0	10.0	42.75	0.42	178.8	
				Single, Clear	S	10.0	8.0	21.0	40.81	0.49	419.5	
				Double, Clear	N	1.5	6.0	15.0	19.20	0.94	270.3	
				Double, Clear	E	1.5	6.0	30.0	42.06	0.91	1151.8	
				Double, Clear	S	6.0	6.0	10.0	35.87	0.52	186.7	
				Single, Clear	E	8.0	8.0	21.0	47.92	0.52	521.1	
				Double, Clear	E	1.5	6.0	60.0	42.06	0.91	2303.6	
				Double, Clear	S	1.5	2.5	2.3	35.87	0.61	50.6	
				Double, Clear	W	1.5	3.5	5.0	38.52	0.78	149.8	
				Double, Clear	E	1.5	3.5	5.0	42.06	0.77	162.9	
				Double, Clear	S	12.0	6.0	30.0	35.87	0.45	485.4	
				As-Built Total:				**269.3**			**6732.4**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	427.5	0.70	299.3	Frame, Wood, Exterior	13.2	1293.8	1.48	1914.8
Exterior	1293.8	1.70	2199.5	Frame, Wood, Adjacent	12.9	427.5	0.61	258.6
Base Total:	**1721.3**		**2498.7**	**As-Built Total:**		**1721.3**		**2173.5**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	21.0	2.40	50.4	Exterior Wood	21.0	6.10	128.1
Exterior	21.0	6.10	128.1	Adjacent Wood	21.0	2.40	50.4
Base Total:	**42.0**		**178.5**	**As-Built Total:**	**42.0**		**178.5**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	1809.8	1.73	3131.0	Under Attic	30.0	1809.8	1.73 X 1.00	3131.0
Base Total:	**1809.8**		**3131.0**	**As-Built Total:**		**1809.8**		**3131.0**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	176.0(p)	-37.0	-6512.0	Slab-On-Grade Edge Insulation	0.0	176.0(p	-41.20	-7251.2
Raised	0.0	0.00	0.0					
Base Total:			**-6512.0**	**As-Built Total:**		**176.0**		**-7251.2**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE					AS-BUILT						
INFILTRATION	Area X	BSPM	=	Points		Area X	SPM	=	Points		
	1810.0	10.21		18480.1		1810.0	10.21		18480.1		
Summer Base Points: 24305.3					**Summer As-Built Points:**						**23444.2**
Total Summer Points	X System Multiplier	= Cooling Points			Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
					(sys 1: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)						
					23444	1.00	(1.09 x 1.147 x 1.00)	0.263	1.000	7695.2	
24305.3	**0.4266**	**10368.6**			**23444.2**	**1.00**	**1.250**	**0.263**	**1.000**	**7695.2**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE

GLASS TYPES

.18 X	Conditioned Floor Area	X BWPM	= Points
.18	1810.0	12.74	4150.7

WALL TYPES

	Area X	BWPM	= Points
Adjacent	427.5	3.60	1539.0
Exterior	1293.8	3.70	4787.1
Base Total:	**1721.3**		**6326.1**

DOOR TYPES

	Area X	BWPM	= Points
Adjacent	21.0	11.50	241.5
Exterior	21.0	12.30	258.3
Base Total:	**42.0**		**499.8**

CEILING TYPES

	Area X	BWPM	= Points
Under Attic	1809.8	2.05	3710.1
Base Total:	**1809.8**		**3710.1**

FLOOR TYPES

	Area X	BWPM	= Points
Slab	176.0(p)	8.9	1566.4
Raised	0.0	0.00	0.0
Base Total:			**1566.4**

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF = Points
Double, Clear	N	6.5	6.0	45.0	24.58	1.02 1127.3
Double, Clear	S	10.0	6.0	15.0	13.30	3.40 678.9
Double, Clear	SE	10.0	6.0	10.0	14.71	2.38 349.8
Single, Clear	S	10.0	8.0	21.0	20.24	3.09 1311.9
Double, Clear	N	1.5	6.0	15.0	24.58	1.00 369.5
Double, Clear	E	1.5	6.0	30.0	18.79	1.04 583.8
Double, Clear	S	6.0	6.0	10.0	13.30	2.73 363.2
Single, Clear	E	8.0	8.0	21.0	26.41	1.29 713.0
Double, Clear	E	1.5	6.0	60.0	18.79	1.04 1167.6
Double, Clear	S	1.5	2.5	2.3	13.30	1.90 58.0
Double, Clear	W	1.5	3.5	5.0	20.73	1.07 110.6
Double, Clear	E	1.5	3.5	5.0	18.79	1.09 102.8
Double, Clear	S	12.0	6.0	30.0	13.30	3.51 1398.4
As-Built Total:				**269.3**		**8334.7**

Type	R-Value	Area X	WPM	= Points
Frame, Wood, Exterior	13.2	1293.8	3.36	4347.2
Frame, Wood, Adjacent	12.9	427.5	3.32	1417.2
As-Built Total:		**1721.3**		**5764.3**

Type	Area X	WPM	= Points
Exterior Wood	21.0	12.30	258.3
Adjacent Wood	21.0	11.50	241.5
As-Built Total:	**42.0**		**499.8**

Type	R-Value	Area X	WPM X WCM =	Points
Under Attic	30.0	1809.8	2.05 X 1.00	3710.1
As-Built Total:		**1809.8**		**3710.1**

Type	R-Value	Area X	WPM	= Points
Slab-On-Grade Edge Insulation	0.0	176.0(p	18.80	3308.8
As-Built Total:		**176.0**		**3308.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points			
	1810.0	-0.59	-1067.9		1810.0	-0.59	-1067.9			
Winter Base Points:			**15185.1**	**Winter As-Built Points:**						**20549.9**
Total Winter Points	X System Multiplier	= Heating Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
				(sys 1: PTHP 42000 btuh ,EFF(3.5) Ducts:Unc(S),Unc(R),Gar(AH),R6.0						
15185.1	0.6274	9527.2		20549.9	1.000	(1.069 x 1.169 x 1.00)	0.286	1.000	7337.2	
				20549.9	**1.00**	**1.250**	**0.286**	**1.000**	**7337.2**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3	2635.00	7905.0		40.0	0.93	3	1.00	2606.67	1.00	7820.0
				As-Built Total:						**7820.0**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
10369	**9527**	**7905**	**27801**	**7695**	**7337**	**7820**	**22852**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.1

The higher the score, the more efficient the home.

WILLIS BUTLER, , , ,

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	1810 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. (Dble Default) 227.3 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 269.3 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 176.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.2, 1293.8 ft²	
b.	Frame, Wood, Adjacent	R=12.9, 427.5 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1809.8 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 70.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit	Cap: 42.0 kBtu/hr SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	PTHP	Cap: 42.0 kBtu/hr COP: 3.50	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 40.0 gallons EF: 0.93	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Permit # 25018

LOT 22 TURKEY RUN

Acceptable for finish floor meeting County + Plat Requirements

PLAT MAP SHOWS LOT #22 COULD HAVE A MINIMUM FLOOR ELEVATION OF 115.00 FEET.

SURVEY MAP DATED NOV. 15, 2006 BY MARK D. DUREN, P.S.M. LS 4708 SHOWS TOP OF SLAB TO BE 1.5 FEET ABOVE THE ADJACENT ROAD CENTER LINE.

AS PER ROAD WAY PLANS DATED 9-06-01 BY AKIN & ASSOCIATES, CIVIL ENGINEERS CENTERLINE ELEVATIONS AT STATIONS

30+00 = 115.80 31+00 = 115.95
31+50 = 116.02 32+00 = 116.17

STATIONS 31+00, 31+50, 32+00 ARE IN FRONT OF LOT 22, STA 31+50 BEING NEARER TO CENTER OF LOT 22.

	31+00	31+88	32+00
	115.95	116.02	116.17
SURVEY =	+ 1.50	+ 1.50	+ 1.50
SLAB ELEV.	117.45	117.52	117.67

AS NOW CONSTRUCTED THE FLOOR ELEVATION IS 2.5 FEET ABOVE THE MINIMUM PLAT ELEVATION OF 115.00 FEET.

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001214

DATE 09/26/2006 PARCEL ID # 03-4S-16-02739-222

APPLICANT MARK HADDOX PHONE 755-2411

ADDRESS P.O. BOX 3535 LAKE CITY FL 32056

OWNER WILLIS & KATHRYN BUTLER PHONE 752-3536

ADDRESS 513 SW PHILLIPS CIRCLE LAKE CITY FL 32055

CONTRACTOR WOODMAN PARK BUILDERS PHONE 755-8699

LOCATION OF PROPERTY 90W, TL ON 252B, TR ON PHILLIPS CIRCLE, TL FIRST ROAD (PHILLIPS CIRCLE, 6TH LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT TURKEY RUN 22

SIGNATURE

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00

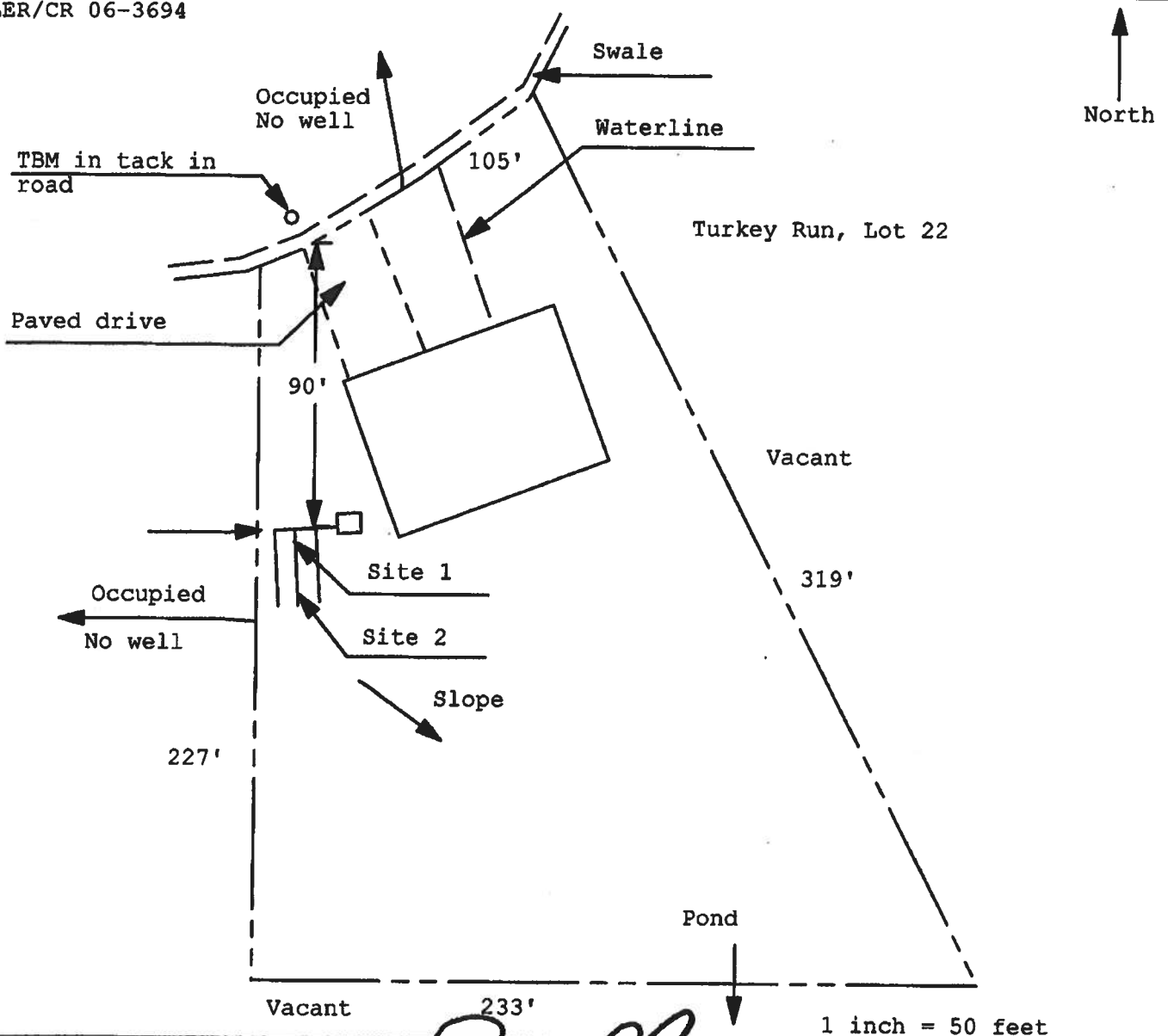
COLUMBIA COUNTY GATEWAY TO FLORIDA

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 06-0848N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BUTLER/CR 06-3694



Site Plan Submitted By Paul Lloyd **Date** 9/18/06

Plan Approved ✓ **Not Approved** ____ **Date** 9/26/06

By Mark A. Lee Columbia **CPHU**

Notes:

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise. ~~#~~ 25018

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109478 Company Phone No. 386-755-9911
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Woodmen Park Builders Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 513 S.W Phillips Circle Lake City FL 32055

Type of Construction (More than one box may be checked) ☑ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 12 Inside 36 Type of Fill Rock

Section 4: Treatment Information

Date(s) of Treatment(s) 11-1-06
Brand Name of Product(s) Used Termidor SC
EPA Registration No. 53883-94
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 3475 Linear ft. 320 Linear ft. of Masonry Voids 320
Approximate Total Gallons of Solution Applied 726
Was treatment completed on exterior? ☐ Yes ☑ No
Service Agreement Available? ☑ Yes ☐ No Upon Completion
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)
Comments Treated Main body & Porches

Name of Applicator(s) Steve Brannan Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [signature] Date 11-1-06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 03-4S-16-02739-222 Building permit No. 000025018

Use Classification SFD,UTILITY Fire: 27.90

Permit Holder WOODMAN PARK BUILDERS Waste: 83.75

Owner of Building WILLIS & KATHRYN BUTLER Total: 111.65

Location: 513 SW PHILLIPS CIRCLE

Date: 05/07/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

-719-5500 K

COLUMBIA COUNTY BUILDING DEPARTMENT **Revised 10-01-05**

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☐	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☐	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
		Elevations including:
☑	☐	a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation

☐ ☐ d) Location, size and height above roof of chimneys.
☐ ☐ e) Location and size of skylights
☐ ☐ f) Building height
☐ ☐ e) Number of stories

Floor Plan including:

☐ ☐ a) Rooms labeled and dimensioned.
☐ ☐ b) Shear walls identified.
☐ ☐ c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 **(see attach forms).**
☐ ☐ d) Show safety glazing of glass, where required by code.
☐ ☐ e) Identify egress windows in bedrooms, and size.
☐ ☐ f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, **(Please circle applicable type).**
☐ ☐ g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
☐ ☐ h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

☐ ☐ a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
☐ ☐ b) All posts and/or column footing including size and reinforcing
☐ ☐ c) Any special support required by soil analysis such as piling
☐ ☐ d) Location of any vertical steel.

Roof System:

☐ ☐ a) Truss package including:
1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐ ☐ b) Conventional Framing Layout including:
1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

☐ ☐ a) Masonry wall
1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity

c. Crawl space (if applicable)

☑ ☐ b) Wood frame wall
1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☑ ☐ **Plumbing Fixture layout**

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

☑ ☐ d) Service panel and sub-panel size and location(s)

☑ ☐ e) Meter location with type of service entrance (overhead or underground)

☑ ☐ f) Appliances and HVAC equipment

☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

☑ ☐ h) Exhaust fans in bathroom

HVAC information

☑ ☐ a) Energy Calculations (dimensions shall match plans)

☑ ☐ b) Manual J sizing equipment or equivalent computation

☐ ☐ c)Gas System Type (LP or Natural) Location and BTU demand of equipment

☐ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done**

Private Potable Water

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

RIGHT-J SHORT FORM
Entire House

LARRY RESMONDO A/C

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Job: WILLIS BUTLER RESIDENCE / TURKEY RUN
8/30/06

Project Information

For: WOODMAN PARK BUILDERS
P.O. BOX 3535, LAKE CITY, FL 32056
Phone: 386-755-2411 Fax: 386-755-1126

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	52

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-042JA

Efficiency	8.0 HSPF	
Heating input	0	Btuh
Heating output	0	Btuh
Heating temperature rise	0	°F
Actual heating fan	1400	cfm
Heating air flow factor	0.047	cfm/Btuh

Space thermostat

COOLING EQUIPMENT

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-042JA
UBHJ-24+RCHJ-48A1

Efficiency	13.0 SEER	
Sensible cooling	28700	Btuh
Latent cooling	12300	Btuh
Total cooling	41000	Btuh
Actual cooling fan	1400	cfm
Cooling air flow factor	0.053	cfm/Btuh
Load sensible heat ratio	86	%

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
WHOLE HOUSE	1810	29640	26567	1400	1400
Entire House d	1810	29640	26567	1400	1400
Ventilation air		0	0		
Equip. @ 0.97 RSM			25770		
Latent cooling			4504		
TOTALS	1810	29640	30274	1400	1400

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

DUCT SYSTEM SUMMARY
Entire House
LARRY RESMONDO A/C

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Job: WILLIS BUTLER RESIDENCE / TURKEY RUN
8/30/06

Project Information

For: WOODMAN PARK BUILDERS
P.O. BOX 3535, LAKE CITY, FL 32056
Phone: 386-755-2411 Fax: 386-755-1126

	HEATING	COOLING
External Static Pressure:	***0.10*** in H2O	0.00 in H2O
Pressure Losses:	0.50 in H2O	0.50 in H2O
Available Static Pressure:	-0.4 in H2O	-0.5 in H2O
Friction Rate:	***0.100*** in/100ft	***0.100*** in/100ft
Actual AVF:	1400 cfm	1400 cfm
Total Effective Length (TEL):	140 ft	

Supply Branch Detail Table

Name	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trnk
WHOLE HOUSE	4236	3796	200	200	0.100	573	8	0x 0	ShMt	st1
WHOLE HOUSE-A	4234	3795	200	200	0.100	573	8	0x 0	ShMt	st1A
WHOLE HOUSE-B	4234	3795	200	200	0.100	573	8	0x 0	ShMt	st1A
WHOLE HOUSE-C	4234	3795	200	200	0.100	573	8	0x 0	ShMt	st1B
WHOLE HOUSE-D	4234	3795	200	200	0.100	573	8	0x 0	ShMt	st1
WHOLE HOUSE-E	4234	3795	200	200	0.100	573	8	0x 0	ShMt	st1
WHOLE HOUSE-F	4234	3795	200	200	0.100	573	8	0x 0	ShMt	st1

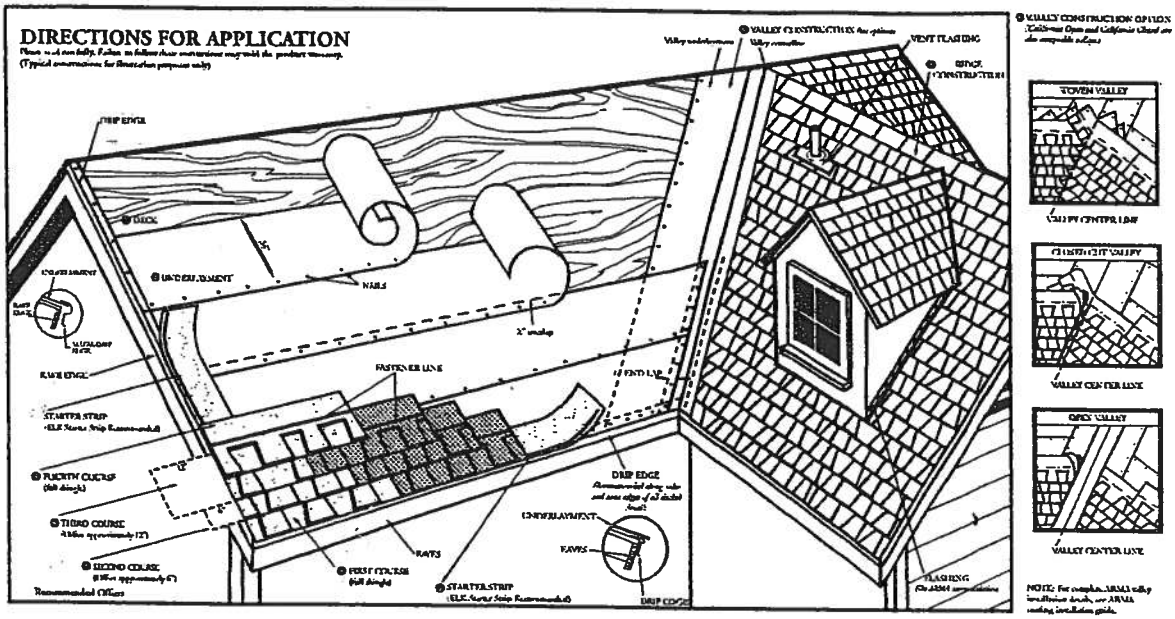
Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	1400	1400	642	20	0 x 0	ShtMetl	
st1A	Peak AVF	600	600	651	13	0 x 0	ShtMetl	st1
st1B	Peak AVF	200	200	367	10	0 x 0	ShtMetl	st1A

Return Branch Detail Table

Name	Diffus Sz (in)	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trunk
rb1	0 x 0	29642	26567	1400	1400	0.100	582	21	0x 0	ShMt	

Bold/italic values have been manually overridden



DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

❶ DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

❷ UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Elk Versashield® or self adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slope(2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 19". Begin by fastening a 19"wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

❸ STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3" trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

❹ FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof

❺ SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 6". Other offsets are approved if greater than 4".

❻ THIRD COURSE

Offset the next course by 6" with respect to the second course, or consistent with the original offset.

❼ FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

❽ VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

❾ RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z®Ridge or Seal-A-Ridge® with formula *FLX*™ or RidgeCrest® with *FLX* (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for roof-overs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 18-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MANSARD APPLICATIONS

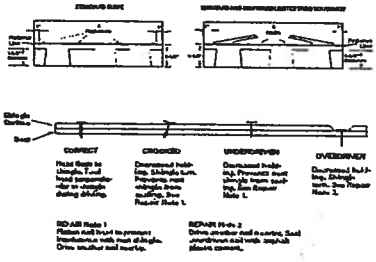
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along – and through – the "fastener line" or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified.

All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

ELK
The Premium Choice
www.elkcorp.com

MSDS

Vent-less

HEARTH INDUSTRIES
2701 South Harbor Blvd.
SANTA ANA, CA 92704

ENGINEERING BULLETIN: July 12, 2004

SUBJECT: DESA FIREPLACE PRODUCT APPROVALS

To Whom It May Concern:

DESA HEATING, LLC wishes to clarify the following regarding the tractability of ICBO recognized approvals for all trade named FMI, Vanguard, Comfort Glow and Coleman, wood and gas burning hearth products:

Prior to the introduction of gas hearth products and subsequent development of applicable ANSI/UL standards, the International Council of Building Officials (ICBO) established an evaluation service to qualify predominantly manufactured wood burning fireplaces under the standing code requirements.

ICBO would then issue an evaluation report and listing number, which is widely recognized in the codes industry and commonly referred to as an "ICBO number".

The ANSI/UL standards are now nationally recognized by various international codes bodies (i.e. ICBO, SBCCA, BOCA... etc.) and are uniformly applied by independent, third-party testing laboratories.

With the growing number of gas hearth products and applications, ICBO began consolidating its listing efforts, by evaluating and listing those approved agencies and laboratories that independently evaluate and periodically test and inspect products for conformity under these nationally recognized standards.

All DESA wood and gas products are tested and listed by nationally recognized laboratories that are currently approved through ICBO's agency evaluation and listing service and do not require separate ICBO listings.

The attached list indicates all current DESA products by model number along with the certifying agencies' traceable file number and ICBO approved agency (AA) and testing laboratory (TL) identification:

These ICBO approvals may be verified by contacting ICBOES @ (866) 442-2637 or visiting International Codes Council Evaluation Services on line at www.icc-es.org.

This information is being provided to builders, distributors and installers of DESA fireplace products, is subject to verifiable change and may only be transferred to architects, planners, building inspectors, utility authorities and other state and local authorities for purpose of obtaining plan approvals, building permits, construction variances and relegated regulatory matters.

I trust that this information will assist you in approving, permitting and finalizing your installations.

Sincerely,

Kerry Leason
Gas Products Engineer
DESA-FMI, LLC

Attachment – DESA PRODUCT APPROVALS 7/04

DESA PRODUCT APPROVALS (AS OF 7/04)

MODEL SERIES * (Indicates Revision Code)	CERTIFYING AGENCY	STANDARD	CERT. REPORT	AGENCY FILE NO.	ICBO NO.	ICBO APPROVED AGENCY	ICBO APPROVED TEST LAB.
42GC, 42GCII	U.L	UL 127	VOL. 13, SEC. 2	MH11306	3507	AA-668	TL-157
42GCM, 42CM & 42GCMII	U.L.	UL 127	VOL. 13, SEC. 3	MH11306	3507	AA-668	TL-157
36GC/36GCM	U.L.	UL 127	VOL. 15, SEC. 1	MH11306	3507	AA-668	TL-157
36C	U.L.	UL 127	VOL. 15, SEC. 2	MH11306	3507	AA-668	TL-157
3600,3601/3601M	U.L.	UL 127	VOL. 15, SEC. 3	MH11306	3507	AA-668	TL-157
36L/36LM, 36R/36RM	U.L	UL 127	VOL. 16, SEC. 1	MH11306	3507	AA-668	TL-157
36E/36EM, 36EC/36ECM, 36ECII/36ECMII	U.L	UL 127	VOL. 16, SEC. 2	MH11306	3507	AA-668	TL-157
38TS/36TSM	U.L.	UL 127	VOL. 16, SEC. 3	MH11306	3507	AA-668	TL-157
1100E	U.L.	UL 127	VOL. 16, SEC. 4	MH11306	3507	AA-668	TL-157
42E, 42ED/42EC,42ECD	U.L.	UL 127	VOL. 16, SEC. 5	MH11306	3507	AA-668	TL-157
PN-36	U.L.	UL 127	VOL. 16, SEC. 6	MH11306	3507	AA-668	TL-157
3610ST	U.L.	UL 127	VOL. 16, SEC. 7	MH11306	3507	AA-668	TL-157
(V)S36(H)(R)(RH) (V)S42(H)(R)(RH)	OMNI	UL 127 / ULC-S610	114-F-01-2		3507		TL-130
(V)B36(I)(L) CWB36C, C36MW	OMNI	UL 127 / ULC-S610	114-F-04-2		3507		TL-130
(V)B42(I)(L) CWB42C, C42MW	ITS	UL 127 / ULC-S610	J20037622-231		3507	AA-647	TL-212
(V)C36(I)(L)(H) CWC36C, C42EMW	ITS	UL 127 / ULC-S610	J20026037-231		3507	AA-647	TL-212
(V)C42(I)(L)(H)	ITS	UL 127 / ULC-S610	J200336359-231		3507	AA-647	TL-212
(V)G50(H) (V)G42(H)	ITS	UL 127 / ULC-S610	30222544		3507	AA-647	TL-212

DESA PRODUCT APPROVALS (AS OF 7/04)

MODEL SERIES * (Indicates Revision Code)	CERTIFYING AGENCY	STANDARD	CERT. REPORT	AGENCY FILE NO.	ICBO NO.	ICBO APPROVED AGENCY	ICBO APPROVED TEST LAB.
(V)G42(H)	ITS	UL 127 / ULC-S610	30222544		3507	AA-647	TL-212
(V)GM42, (V)GM50 (H)	OMNI	UL 127 / ULC-S610	114-F-09-2		3507		TL-130
DVF36(T)(PN,ST)(P)(E)(A) VDVF36(ST,P)(P,N) (E)VDDVF36(P,ST)(N,P) DVF36TMH(PN,ST) MDVFST	CSA	ANSI Z21.88/CSA 2.33 ANSI Z21.50/CSA 2.22 ANSI Z21.44/CSA 2.19	1004312	156262	DNA	AA-659	TL-218
(B,C)(H)DV34(N,P)*	CSA	ANSI Z21.88/CSA 2.33 ANSI Z21.50/CSA 2.22 ANSI Z21.44/CSA 2.19	FBR112299-S25	112299	DNA	AA-659	TL-218
(B,C,D)DV(37,41)(N,P)* (B,C,)HDV(37,41)(N,P)*	CSA	ANSI Z21.88/CSA 2.33 ANSI Z21.50/CSA 2.22 ANSI Z21.44/CSA 2.19	FBR112299-S24	112299	DNA	AA-659	TL-218
BDVF36(P)(L,T,TL) BDVF36TA(P) BDVF36TLMHA	CSA	ANSI Z21.88/CSA 2.33 ANSI Z21.50/CSA 2.22 ANSI Z21.44/CSA 2.19	1004308	156262	DNA	AA-659	TL-218
GW30(C)(P)	CSA	ANSI Z21.44/CSA 2.19	L1811010	156262	DNA	AA-659	TL-218
DVF30(E)(P)	CSA	ANSI Z21.44/CSA 2.19	L1811003	156262	DNA	AA-659	TL-218
DVF36(T)(E)(L)(R)(P)*	CSA	ANSI Z21.88/CSA 2.33 ANSI Z21.50/CSA 2.22 ANSI Z21.44/CSA 2.19	1004310	156262	DNA	AA-659	TL-218
DVF42(T)(E)(L)(R)(P)*	CSA	ANSI Z21.88/CSA 2.33 ANSI Z21.50/CSA 2.22 ANSI Z21.44/CSA 2.19	1004314	156262	DNA	AA-659	TL-218
(S,C,F)DVB(N,P)* MS(T,R)DV(N,P) (S,C,F)BVB(N,P)* MS(T,R)BV(N,P)	CSA	ANSI Z21.88/CSA 2.33 ANSI Z21.44/CSA 2.19	1072403	156262	DNA	AA-659	TL-218
CD(32,36)M (C,V)T(32,36)(E)(R,B)(N,P)	CSA	ANSI Z21.88/CSA 2.33	1147766	156262	DNA	AA-659	TL-218
CHDV32NR, CTDV36NRA	OMNI	ANSI Z21.88/CSA 2.33	114-F-06-5		DNA		TL-130

00RS

MIAMI-DADE

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2555

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Premdor Entry Systems
One Premdor Drive
Dickson ,TN 37055

Your application for Notice of Acceptance (NOA) of:
Entergy SE Double Door w/sidelites-Inswing -Opaque-8'0" In a Wood Frame
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-1031.06
EXPIRES: 11/05/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 12/11/2001

Premdor Entry Systems

ACCEPTANCE No.: 01-1031.06

APPROVED: December 11, 2001

EXPIRES: November 5, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This renews Notice of Acceptance (NOA) No. 00-0720.10, which was issued on November 09, 2000. It renews the approval of a residential insulated steel door, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

2.1 The Series **"Entergy" Inswing Opaque Double Residential Insulated Steel Doors(Metal Edge) with Sidelites 8' 0" High - Impact Resistant Door Slab Only** and its components shall be constructed in strict compliance with the following document: Drawing No 31-1034-EM-I, Sheets 1 through 6 of 6, titled "Premdor (Entergy Metal Edge) Double Door w/ Sidelites in Wood Frame w/ Bumper Threshold – 8' 0" Height (Inswing)," prepared by manufacturer, dated 6/15/98 and revised on 7/27/01, bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

3.1 This approval applies to single unit applications of pair of doors and single door with sidelites, as shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.

3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.

4. INSTALLATION

4.1 The residential insulated steel door and its components shall be installed in strict compliance with the approved drawings.

4.2 Hurricane protection system (shutters):
Door Slab: The installation of this unit <u>will not require</u> a hurricane protective system.
Sidelites: The installation of these units <u>will require</u> a hurricane protective system.

5. LABELING

5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance

6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Raul Rodriguez, Chief
Product Control Division

Premdor Entry Systems

ACCEPTANCE No.: 01-1031.06

APPROVED: December 11, 2001

EXPIRES: November 5, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
   a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
   b) The product is no longer the same product (identical) as the one originally approved;
   c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
   d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
   a) Unsatisfactory performance of this product or process.
   b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

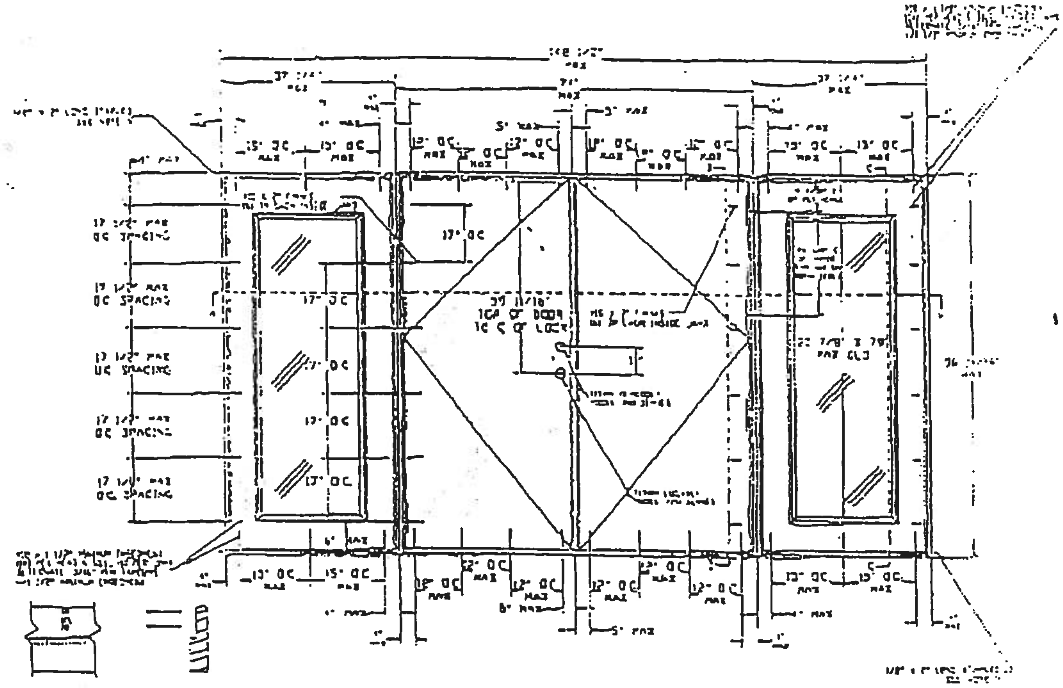
END OF THIS ACCEPTANCE

Raul Rodriguez, Chief
Product Control Division

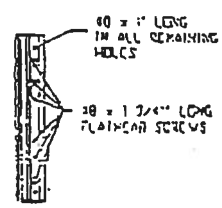
06/07/2002 09:16 FAX DOORFAB 004

Dec. 28. 2001 5:04PM PREMDOR DICKSON 615 446 7229 P. 15/52

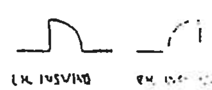
PREMDOR (ENTERGY METAL EDGE) DOUBLE DOOR
WITH SIDELITES IN WOOD FRAMES
WITH BUMPER THRESHOLD-8'0" HEIGHT (INSWING)



ATTACH ASTRAGAL THROUGH BOLT STRIKE PLATE TO THE HEADER AND THRESHOLD WITH #10 x 2" FLATHEAD SCREWS



ASTRAGAL



NOTES.

1) WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
2) THE PRECEDING DRAWINGS ARE INTENDED TO QUALIFY THE FOLLOWING INSTALLATIONS.
A. WOOD FRAME CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY WOOD OPENING
B. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY STRUCTURAL WOOD BUCK
C. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED DIRECTLY TO CONCRETE OR MASONRY WITH OR WITHOUT A NON-STRUCTURAL 1X4 BY WOOD BUCK.
3. ALL ANCHORING SCREWS TO BE #10 WITH MINIMUM 1 1/2" EMBEDMENT INTO WOOD SUBSTRATE OR 3/16" PFH TAPCONS WITH 1 1/2" MINIMUM EMBEDMENT INTO MASONRY
4. GLAZED UNIT MUST BE INSTALLED WITH "MIAMI-DADE COUNTY APPROVED" SHUTTERS
5. THREE STAPLES PER SIDE JAMB INTO HEADER ON SIDELITES AND DOOR, THREE STAPLES PER JAMB INTO THRESHOLD ON SIDELITES AND DOOR
6. LATEX SEALANT TO BE APPLIED AT SIDE BY SIDE JAMBS AND SIDELITES
7. DOOR/SIDELITE HEADER, DOOR/SIDELITE JAMBS, AND SIDELITE BASE CORNERS ARE COPED AND BUTTED
8. DOORS SHALL BE PRE-PAINTED WITH AN ACRYLIC LATEX WATER-BASED/WATER-REDUCIBLE WHITE PRIMER WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL.
9. FRAMES SHALL BE PRE-PAINTED WITH A WATER-BASED EPOXY PRIMER WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL.

DESIGN PRESSURE RATINGS		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
Positive	NOT APPROVED *	+48.3 psf
Negative	NOT APPROVED *	-48.3 psf

* UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES UNLESS UNIT IS INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION.

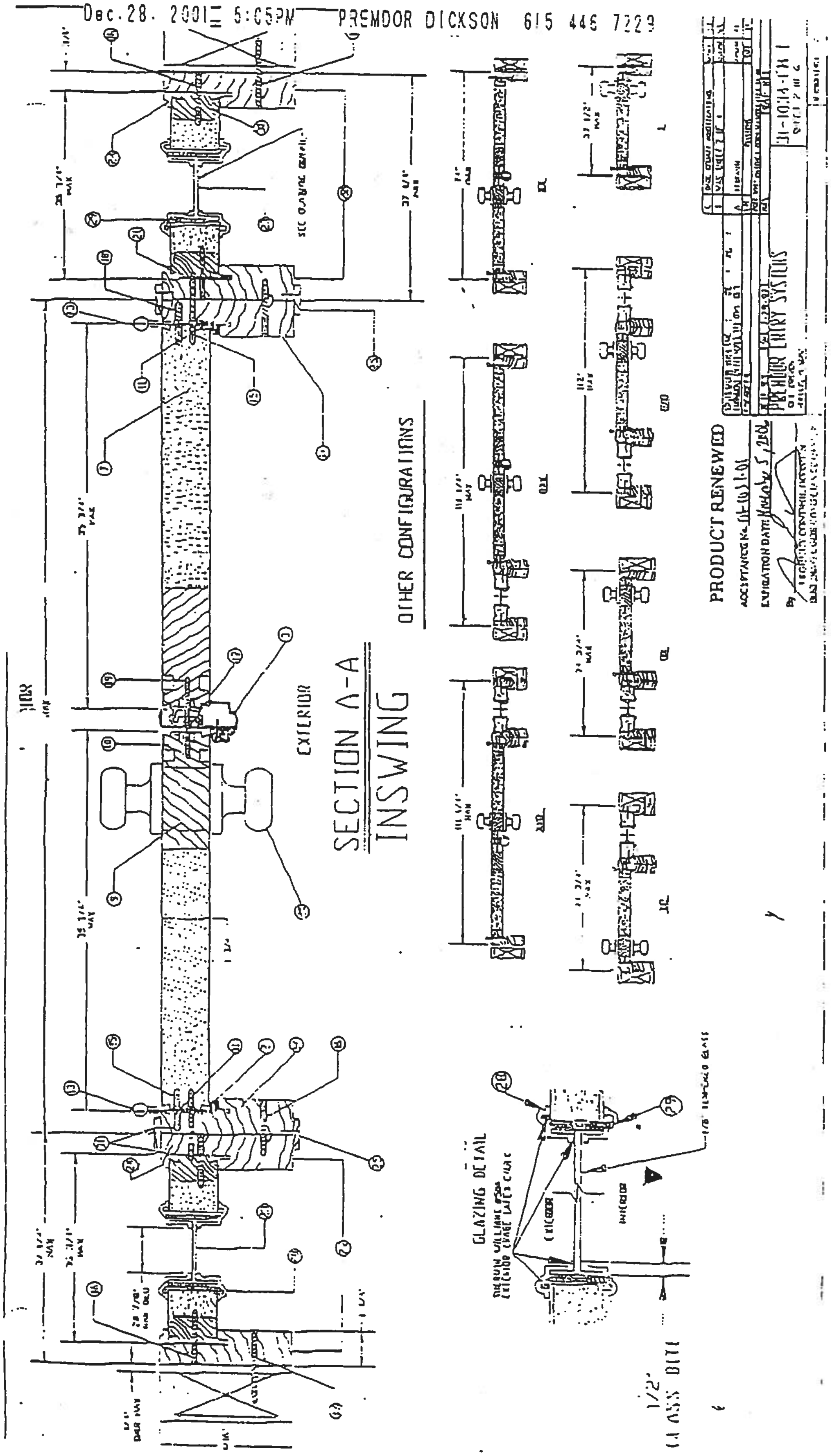
PRODUCT RENEWED
ACCEPTANCE No. 01-1031.06
EXPIRATION DATE November 5, 2006
By [signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

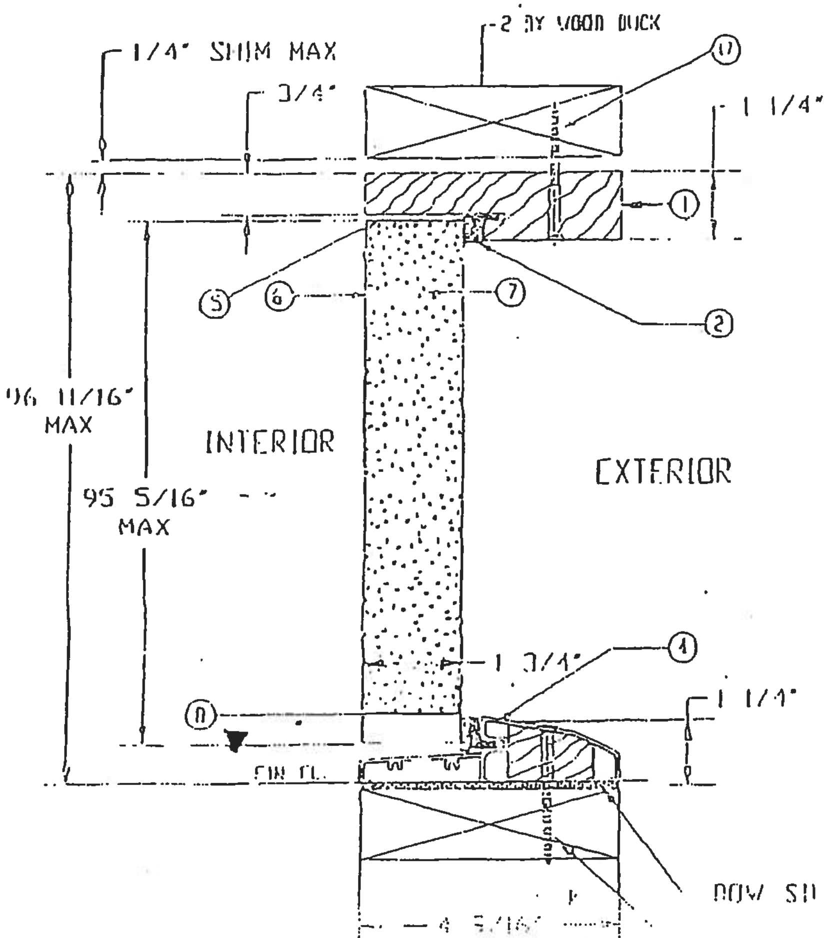
PREMDOR ENTRY SYSTEMS

31-1034-EM-1
SHEET 1 OF 6

C

JUN 07 2002 09:25


SECTION A-A
INSWING
EXTERIOR
OTHER CONFIGURATIONS
GLAZING DETAIL
PRODUCT RENEWED
PREMDOOR ENTRY SYSTEMS
1/2"



SECTION B-B

MATERIALS LIST

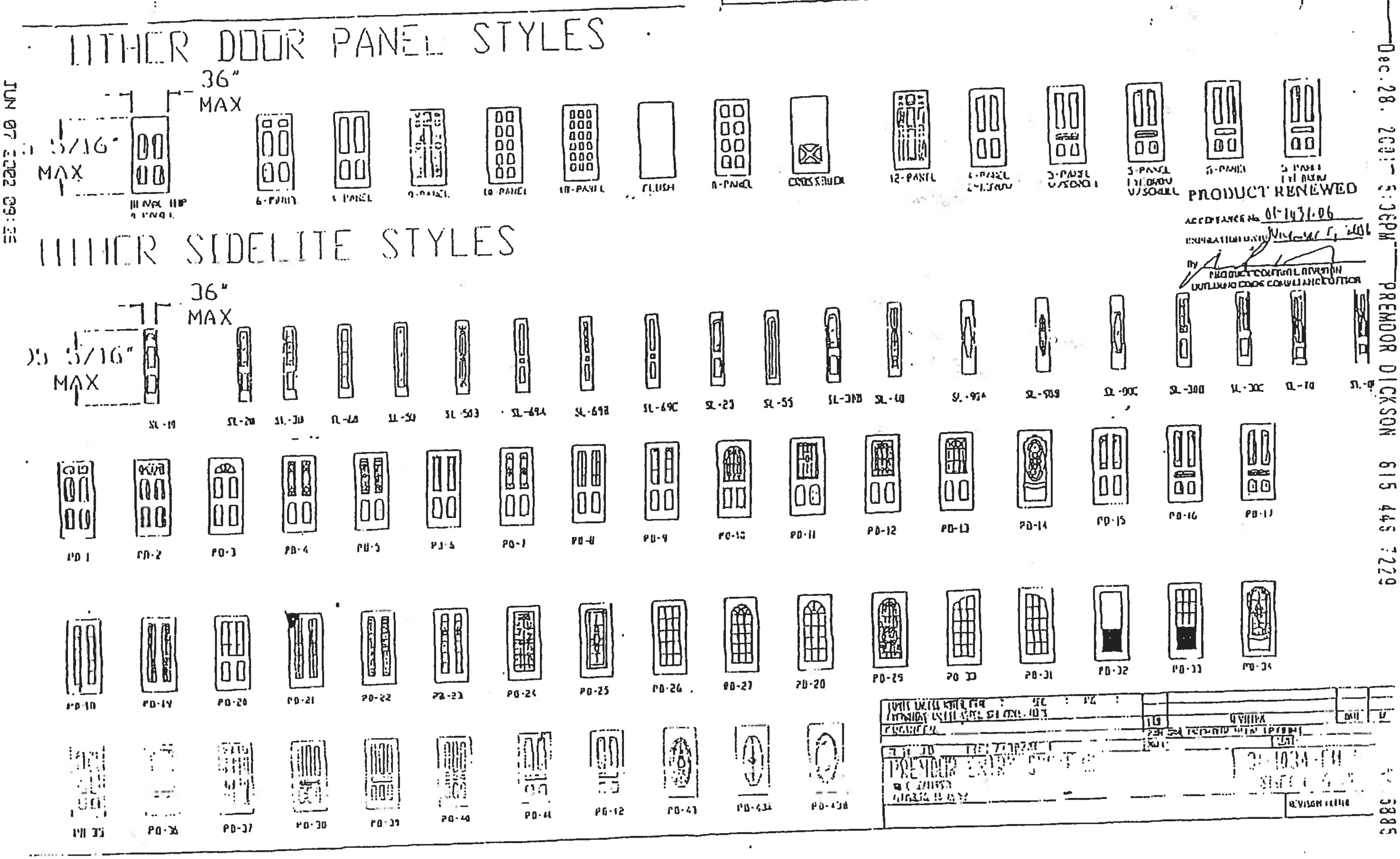
ITEM NO.	DESCRIPTION	PART NUMBER	COMMENTS
1	WOOD HEAD JAMB	EX-14	1 1/4" X 4 9/16" MIN. TO BE PINE OR EQUIVALENT
2	COMPRESSION WEATHERSTRIP	EX-25	LOCKSCREEN BRAND LOXSEAL 9550 (ORIGINAL)
3	ALUMINUM ASTRAGAL	EX-12	PREMDOR BRAND OR EQUIVALENT - 5/8" ALUMINUM ASTRAGAL
4	ALUMINUM-BUMPER THRESHOLD	EX-15	PREMDOR BRAND OR EQUIVALENT - 1 1/4" x 4 9/16"
5	TOP CHANNEL	EX-08	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
6	STEEL SKIN	[illegible]	[illegible]
7	POLYURETHANE FOAM CORE	BASF FOAM - DENSITY 2.0 TO 2.5 lbs/ft³	
8	BOTTOM CHANNEL	EX-07	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
9	WOOD LOCK BLOCK	EX-05	4" X 1 1/2" MIN. TO BE PINE OR EQUIVALENT
10	STRIKE STILE	EX-05	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
11	HINGE STILE	EX-05	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
12	LOCK PREP FILLER PLATE	EX-13	PREMDOR BRAND - .050" THICK - ANT. [illegible]
13	4"x4" HINGE	EX-15	HAGER BRAND HINGE OR EQUIVALENT .097 THICK (STEEL)
14	WOOD HINGE JAMB	EX-17	1 1/4" X 4 9/16" MIN. TO BE PINE OR EQUIVALENT
15	#10-24 x 1/2" F.H.M.S.		(4) SCREWS PER HINGE INTO DOOR
16	#10 X 2" F.H.W.S.		[illegible] SCREWS THROUGH FRAME JAMB [illegible] 8" FROM [illegible] MAX 12" OC [illegible] [illegible] SCREWS THROUGH EACH SIDELITE JAMB INTO SIDELITE, 4" FROM [illegible] TOP, MAX 12" OC [illegible]
17	[illegible]		REFER TO ELEVATION VIEW, FOR # OF SCREWS EACH AND LOCATION
18	#10 X 3/4" F.H.W.S.		(2) SCREWS PER HINGE INTO JAMB
19	#8 x 2" F.H.W.S.		(2) SCREWS AT EACH STRIKE PLATE
20	LOCKSET		TITAN LOCK 720 SERIES, TITAN DEADBOLT 700 SERIES
21	#10 X 1 3/4" F.H.W.S.		(2) SCREWS PER HINGE INTO JAMB
22	WOOD SIDELITE JAMB	EX-10	1 1/4" X 4 9/16" MIN. TO BE PINE OR EQUIVALENT
23	22" X 80" SINGLE PANEL GLASS	EX-19	TEMPERED GLASS IN POLYPROPYLENE FRAME - [illegible] 1/8" CLEAR TEMPERED GLASS
24	SIDELITE TRIM (WOOD)	EX-20	5/16 x 1/2" MIN. TO BE PINE OR EQUIVALENT
25	WOOD CASING	EX-21	[illegible]
26	WOOD SIDELITE HEAD JAMB	EX-22	1 1/4" X 4 9/16" MIN. TO BE PINE OR EQUIVALENT
27	WOOD SIDELITE BASE	EX-23	1 1/4" X 4 9/16" MIN. TO BE PINE OR EQUIVALENT
28	POLYPROPYLENE LITE FRAME	DC-1643, DC-2	HP Polypropylene by ODL
29	#6 X 1 1/2" PAN HEAD SCREWS		10 PER FRAME [illegible]
30	SIDELITE STILES	EX-26	15/16" X 1 11/16" MIN. TO BE PINE OR EQUIVALENT
31	PIN NAIL		[illegible]

D	DADE COUNTY MODIFICATIONS	[illegible]	JN
C	NOTED TEST RESULTS	[illegible]	NS
B	[illegible]	[illegible]	NS
A	REDRAWN	[illegible]	NS

PRODUCT RENEWED
[illegible] 06
EXPIRATION DATE [illegible]
By [illegible]
PRODUCT CONTROL DIVISION

PREMDOR ENTRY SYSTEMS
911 E. JEFFERSON
PITTSBURG, KS 66762

01-1034-EM 1
SHEET 3 OF 6


OTHER DOOR PANEL STYLES
36" MAX
5/16" MAX
6-PANEL
10-PANEL
FLUSH
8-PANEL
CROSS BUCK
12-PANEL
PRODUCT RENEWED
ACCEPTANCE No. 01-1431.06
OTHER SIDELITE STYLES
36" MAX
5/16" MAX
SL-19
SL-28
SL-30
SL-48
SL-50
SL-503
SL-69A
SL-69B
SL-69C
SL-23
SL-55
SL-30D
SL-40
SL-93A
SL-50B
SL-90C
SL-30C
SL-70
PD-1
PD-2
PD-3
PD-4
PD-5
PD-7
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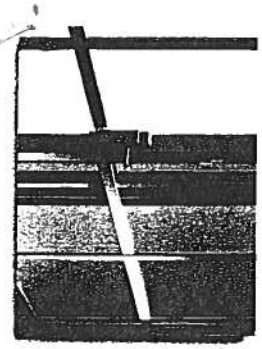
PD-43
PD-43A
PD-43B
REVISION

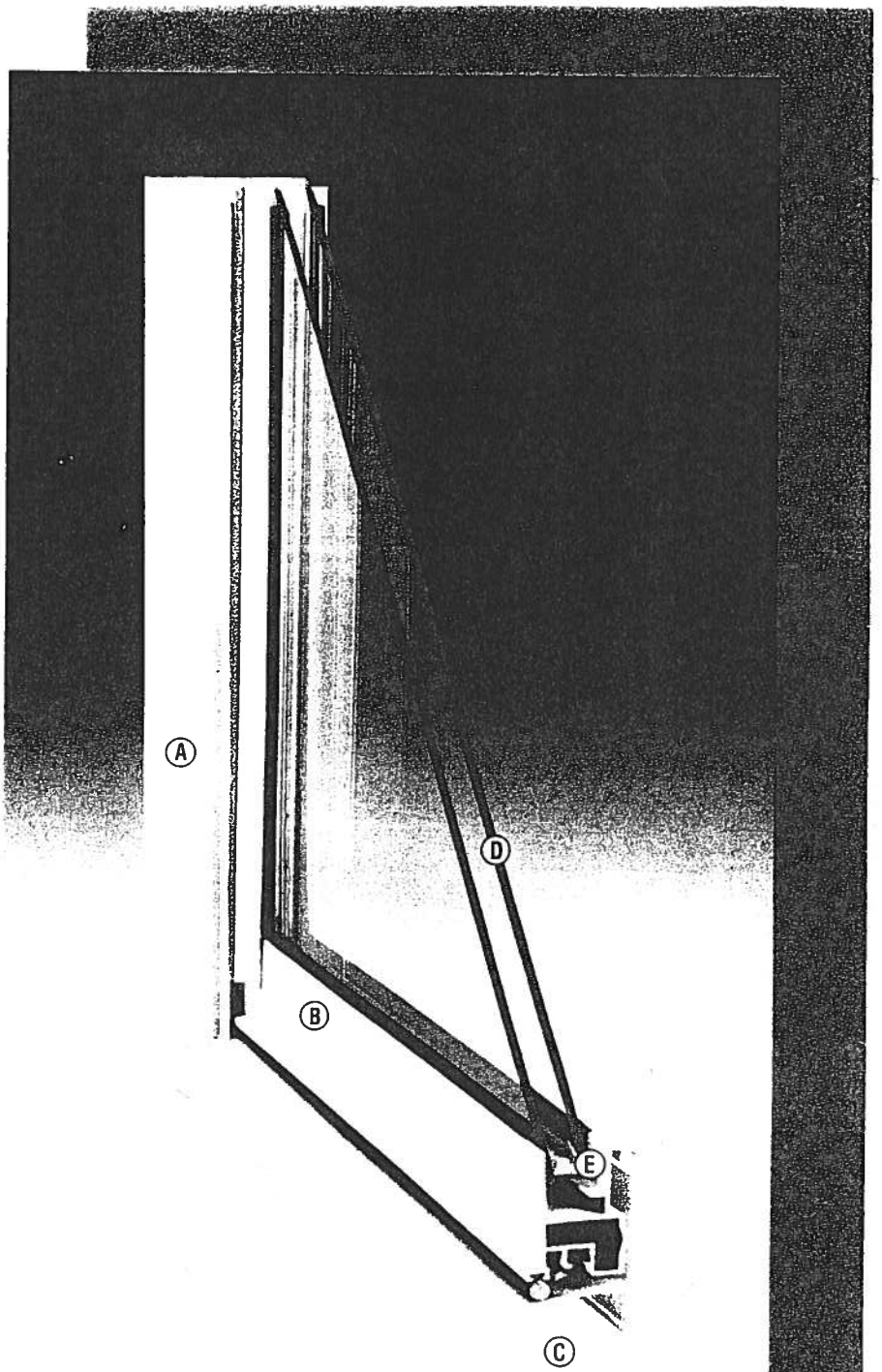


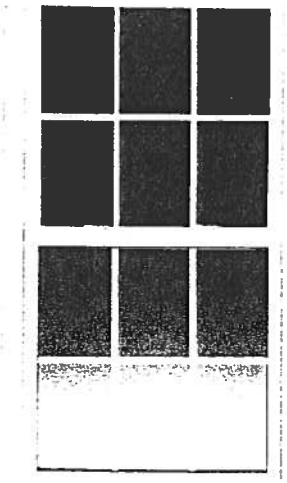
650 SERIES

Non-Thermal Single Hung Aluminum Windows

Ideal for warmer climates, this durable single hung offers plenty of features.

- Aluminum Tilt-Single Hung
- Block & Tackle Balance
- Sweep Lock System at Meeting Rail
- Inside Removable Meeting Rail for Easy Drywall Pass Thru.
- Interlock System at Meeting Rail
- Optional Decorative Grids Between the Glass
- Complete Specialty Window and Mulling Accessories Available
- AAMA Labeled and NFRC Certified





A Aluminum Main Frame

B Aluminum Sash

C 2 3/8" Frame Depth

D 5/8" Insulated Glass

E Removable Bottom Glass Is Marine Glazed In Sash Frame
Removable Top Glass Is Drop-In Tape Glazed In Main Frame

CAPITOL™
WINDOWS AND DOORS

650 SERIES

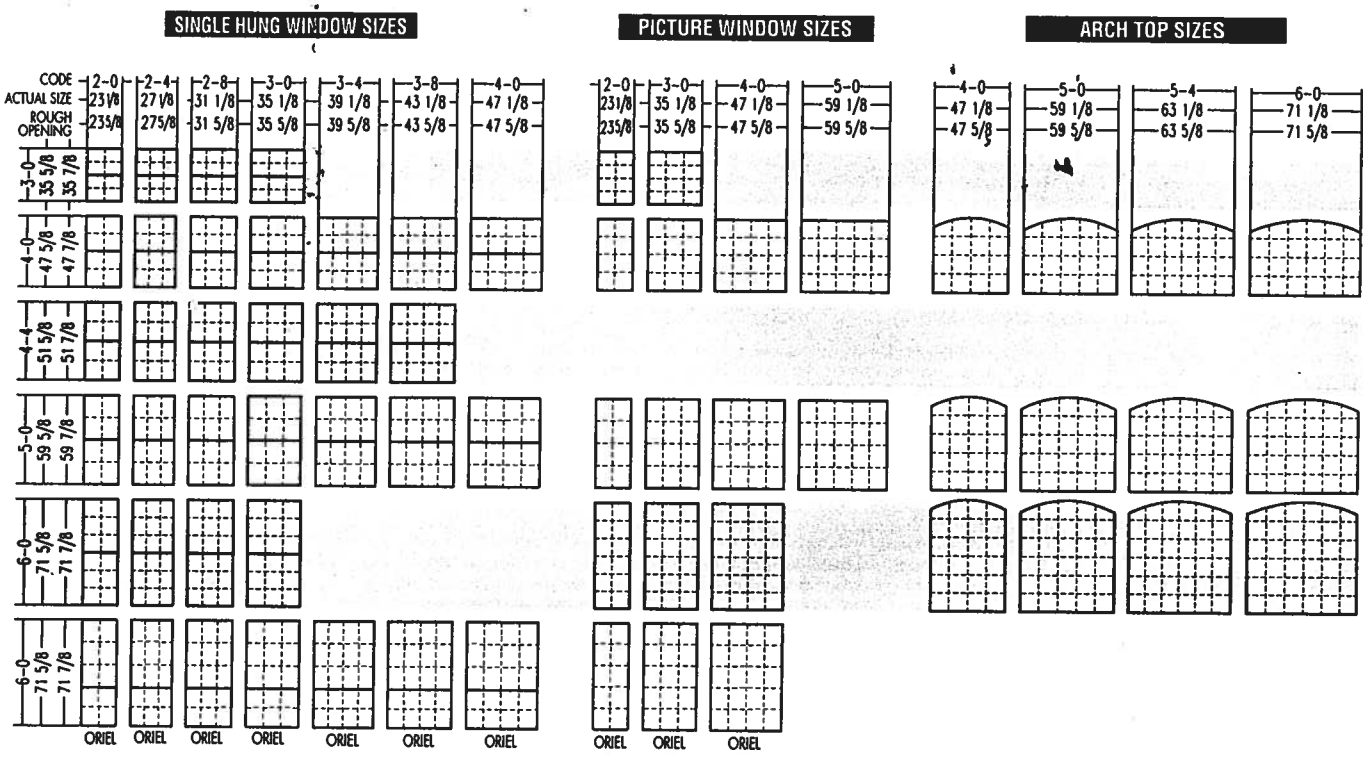
Single Hung Opening Specifications

NOMINAL UNIT SIZE	SASH RAISED SQ. FT. CLEAR OPENING	SASH RAISED CLEAR OPENING WIDTH X HEIGHT (INCH x INCH)	SASH REMOVED SQ. FT. CLEAR OPENING	SASH REMOVED CLEAR OPENING WIDTH X HEIGHT (INCH x INCH)	VENT AREA SQ. FT.	VISIBLE LITE SQ. FT.	SCREEN SIZE WIDTH x HEIGHT	GLASS SIZE WIDTH x HEIGHT
2'0 x 3'0	1.68	18 1/8 x 13 5/16	1.93	18 1/8 x 15 5/16	1.91	3.72	19 1/4 x 17	19 x 16
2'0 x 4'0	2.43	18 1/8 x 19 5/16	2.68	18 1/8 x 21 5/16	2.65	5.21	19 1/4 x 23	19 x 22
2'0 x 4'4	2.68	18 1/8 x 21 5/16	2.93	18 1/8 x 23 5/16	2.90	5.71	19 1/4 x 25	19 x 24
2'0 x 5'0	3.19	18 1/8 x 25 5/16	3.44	18 1/8 x 27 5/16	3.39	6.70	19 1/4 x 29	19 x 28
2'0 x 6'0	3.94	18 1/8 x 31 5/16	4.19	18 1/8 x 33 5/16	4.13	8.19	19 1/4 x 35	19 x 34
2'0 x 6'0 ORIEL	3.19	18 1/8 x 25 5/16	3.44	18 1/8 x 27 5/16	3.39	8.19	19 1/4 x 29	19 x 40 TOP 19 x 28 BOTTOM
2'4 x 3'0	2.05	22 1/8 x 13 5/16	2.35	22 1/8 x 15 5/16	2.34	4.56	23 1/4 x 17	23 x 16
2'4 x 4'0	2.97	22 1/8 x 19 5/16	3.27	22 1/8 x 21 5/16	3.25	6.38	23 1/4 x 23	23 x 22
2'4 x 4'0	3.27	22 1/8 x 21 5/16	3.58	22 1/8 x 23 5/16	3.55	6.99	23 1/4 x 25	23 x 24
2'4 x 5'0	3.89	22 1/8 x 25 5/16	4.20	22 1/8 x 27 5/16	4.15	8.20	23 1/4 x 29	23 x 28
2'4 x 6'0	4.81	22 1/8 x 31 5/16	5.12	22 1/8 x 33 5/16	5.06	10.03	23 1/4 x 35	23 x 34
2'4 x 6'0 ORIEL	3.89	22 1/8 x 25 5/16	4.20	22 1/8 x 27 5/16	4.15	10.03	23 1/4 x 29	23 x 40 TOP 23 x 28 BOTTOM
2'8 x 3'0	2.42	26 1/8 x 13 5/16	2.78	26 1/8 x 15 5/16	2.77	5.39	27 1/4 x 17	27 x 16
2'8 x 4'0	3.50	26 1/8 x 19 5/16	3.87	26 1/8 x 21 5/16	3.84	7.55	27 1/4 x 23	27 x 22
2'8 x 4'4	3.87	26 1/8 x 21 5/16	4.23	26 1/8 x 23 5/16	4.20	8.27	27 1/4 x 25	27 x 24
2'8 x 5'0	4.59	26 1/8 x 25 5/16	4.96	26 1/8 x 27 5/16	4.92	9.70	27 1/4 x 29	27 x 28
2'8 x 6'0	5.68	26 1/8 x 31 5/16	6.04	26 1/8 x 33 5/16	5.99	11.86	27 1/4 x 35	27 x 34
2'8 x 6'0 ORIEL	4.59	26 1/8 x 25 5/16	4.96	26 1/8 x 27 5/16	4.92	11.86	27 1/4 x 29	27 x 40 TOP 27 x 28 BOTTOM
3'0 x 3'0	2.78	30 1/8 x 13 5/16	3.20	30 1/8 x 15 5/16	3.20	6.22	31 1/4 x 17	31 x 16
3'0 x 4'0	4.04	30 1/8 x 19 5/16	4.46	30 1/8 x 21 5/16	4.44	8.71	31 1/4 x 23	31 x 22
3'0 x 4'4	4.46	30 1/8 x 21 5/16	4.88	30 1/8 x 23 5/16	4.86	9.54	31 1/4 x 25	31 x 24
3'0 x 5'0	5.30	30 1/8 x 25 5/16	5.71	30 1/8 x 27 5/16	5.68	11.20	31 1/4 x 29	31 x 28
3'0 x 6'0	6.55	30 1/8 x 31 5/16	6.97	30 1/8 x 33 5/16	6.92	13.69	31 1/4 x 35	31 x 34
3'0 x 6'0 ORIEL	5.30	30 1/8 x 25 5/16	5.71	30 1/8 x 27 5/16	5.68	13.69	31 1/4 x 29	31 x 40 TOP 31 x 28 BOTTOM
3'4 x 4'0	4.58	34 1/8 x 19 5/16	5.05	34 1/8 x 21 5/16	5.04	9.88	35 1/4 x 23	35 x 22
3'4 x 4'4	5.05	34 1/8 x 21 5/16	5.52	34 1/8 x 23 5/16	5.51	10.82	35 1/4 x 25	35 x 24
3'4 x 5'0	6.00	34 1/8 x 25 5/16	6.47	34 1/8 x 27 5/16	6.45	12.70	35 1/4 x 29	35 x 28
3'4 x 6'0 ORIEL	6.00	34 1/8 x 25 5/16	6.47	34 1/8 x 27 5/16	6.45	15.53	35 1/4 x 29	35 x 40 TOP 35 x 28 BOTTOM
3'8 x 4'0	5.11	38 1/8 x 19 5/16	5.64	38 1/8 x 21 5/16	5.64	11.05	39 1/4 x 23	39 x 22
3'8 x 4'4	5.64	38 1/8 x 21 5/16	6.17	38 1/8 x 23 5/16	6.16	12.10	39 1/4 x 25	39 x 24
3'8 x 5'0	6.70	38 1/8 x 25 5/16	7.23	38 1/8 x 27 5/16	7.21	14.20	39 1/4 x 29	39 x 28
3'8 x 6'0 ORIEL	6.70	38 1/8 x 25 5/16	7.23	38 1/8 x 27 5/16	7.21	17.36	39 1/4 x 29	39 x 40 TOP 39 x 28 BOTTOM
4'0 x 4'0	5.65	42 1/8 x 19 5/16	6.23	42 1/8 x 21 5/16	6.23	12.21	43 1/4 x 23	43 x 22
4'0 x 5'0	7.40	42 1/8 x 25 5/16	7.99	42 1/8 x 27 5/16	7.97	15.70	43 1/4 x 29	43 x 28
4'0 x 6'0 ORIEL	7.40	42 1/8 x 25 5/16	7.99	42 1/8 x 27 5/16	7.97	15.70	43 1/4 x 29	43 x 40 TOP 43 x 28 BOTTOM

CAPITOL™
WINDOWS AND DOORS

650 SERIES

Non-Thermal Aluminum Single Hung & Specialty - Standard Window Unit Sizes Available



AAMA MEMBER

QUALITY CONTROL & TESTING

AAMA CERTIFICATION PROGRAM

ACCREDITED BY: AMERICAN NATIONAL STANDARDS INSTITUTE

Validator: ALI®

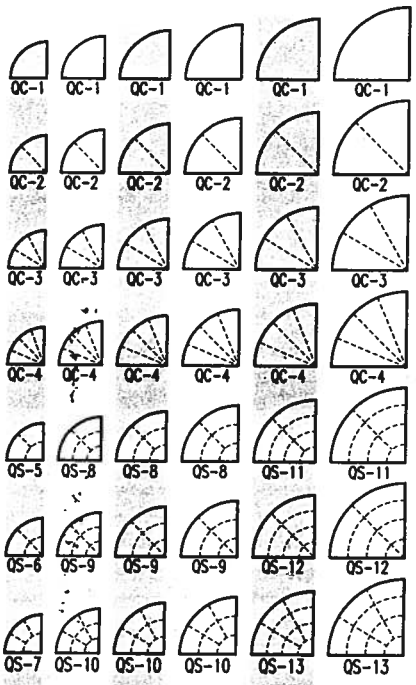
CODE: MTL-4

NFRC National Fenestration Rating Council CERTIFIED

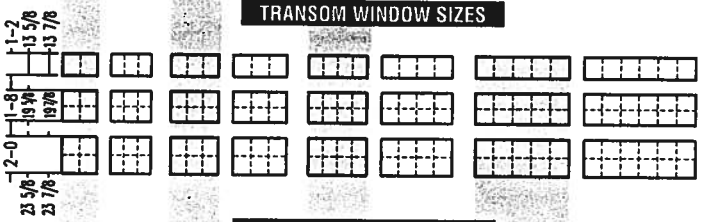
Energy Star EPA DOE

Some products may require special glazing options to meet certain Energy Star criteria. Contact your sales representative for more information.

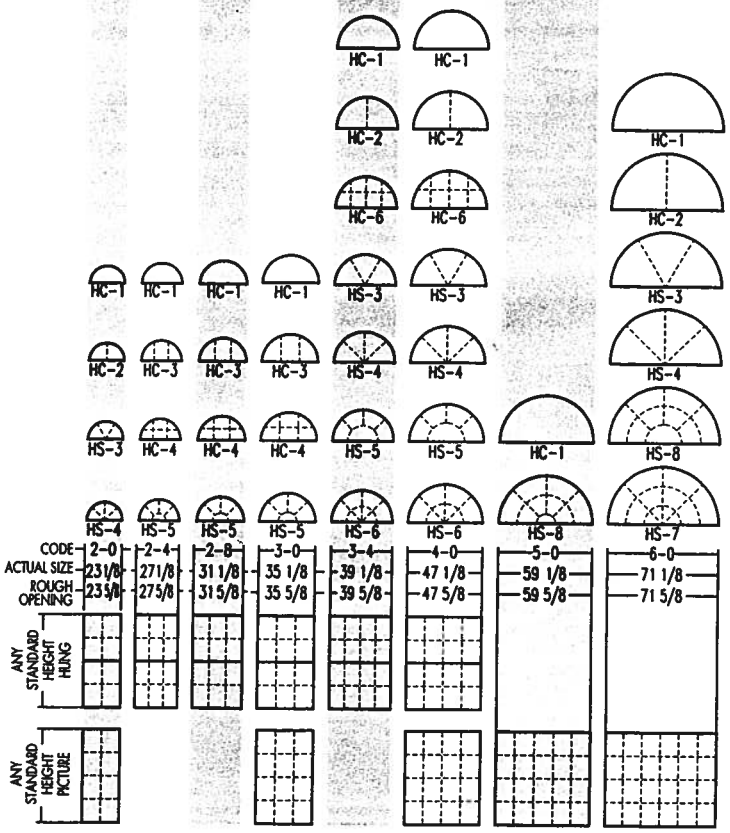
QUARTER CIRCLE WINDOW SIZES



TRANSOM WINDOW SIZES

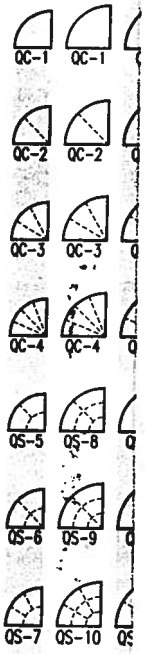


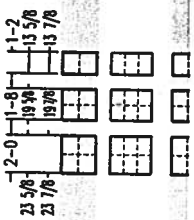
CIRCLE TOP WINDOW SIZES

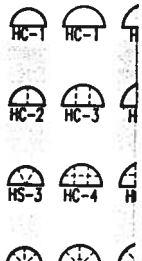


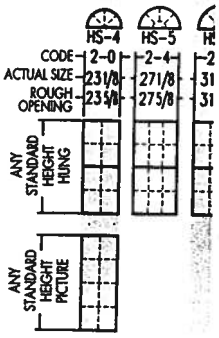
NOTE: Actual height of circle top = Actual width divided by 2 + 9/16"
Rough Opening height of circle top = Actual Height (calculated above) + 1/2"

QUART







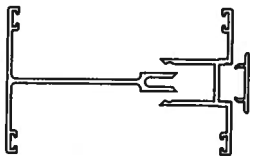


NOTE: Actu
Roug

650 SERIES

Non-Thermal Single Hung Aluminum Windows

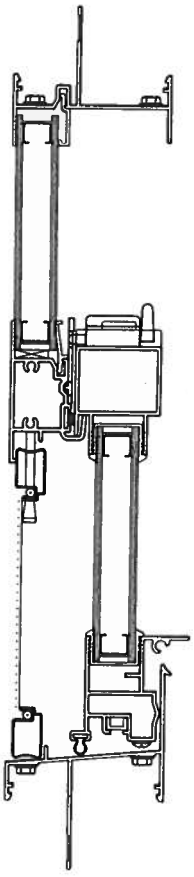
MULLIONS AVAILABLE



CM–45028
CM–45029 3-PIECE
CM–45030
11/16" ADD ON

CM–65024 H–MULL
1/8" ADD ON

VERTICAL DETAIL



HORIZONTAL DETAIL

Project Information for:	L207901		
Builder:	WOODMAN PARK	Date:	8/23/2006
Lot:	LOT 22 TURKEY RUN	Start Number:	**1641**
Subdivision:	N/A	SEI Ref:	L207901
County or City:	COLUMBIA COUNTY		
Truss Page Count:	46		

Truss Design Load Information (UNO) Design Program: MiTek

Gravity		Wind		**Building Code:**	**FBC2004**
Roof (psf):	**42**	Wind Standard:	**ASCE 7-02**		
Floor (psf):	55	Wind Speed (mph):	**110**		

Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)

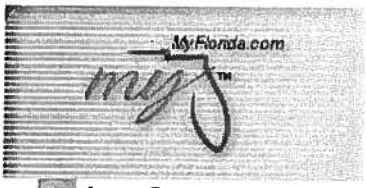
WOOD, WILLIAM G. CBC058182
Address: PO BOX 3535
LAKE CITY,FLORIDA 32056 Designer: **176**

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987
Company: Structural Engineering and Inspections, Inc. EB 9196
Address 16105 N. Florida Ave, Ste B, Lutz, FL 33549 Phone: 813-849-5769

Notes:

1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
4. Trusses designed for veritcal loads only, unless noted otherwise.
5. Where hangers are shown, Carried Member hanger capacity per Simpson C-2006 (SYP/Full Nailing Value) as an individual component. Building Designer shall verify the suitablity and use of Carrying Member hanger capacity.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	0823061641	8/23/2006	41	T24	0823061681	8/23/2006
2	CJ3	0823061642	8/23/2006	42	T25	0823061682	8/23/2006
3	CJ3A	0823061643	8/23/2006	43	T26	0823061683	8/23/2006
4	CJ5	0823061644	8/23/2006	44	T27	0823061684	8/23/2006
5	CJ5A	0823061645	8/23/2006	45	T28	0823061685	8/23/2006
6	CJ7	0823061646	8/23/2006	46	T29	0823061686	8/23/2006
7	EJ3	0823061647	8/23/2006				
8	EJ5	0823061648	8/23/2006				
9	EJ5A	0823061649	8/23/2006				
10	EJ5B	0823061650	8/23/2006				
11	EJ5C	0823061651	8/23/2006				
12	EJ5D	0823061652	8/23/2006				
13	EJ7	0823061653	8/23/2006				
14	HJ4	0823061654	8/23/2006				
15	HJ7	0823061655	8/23/2006				
16	HJ9	0823061656	8/23/2006				
17	PB01	0823061657	8/23/2006				
18	T01	0823061658	8/23/2006				
19	T02	0823061659	8/23/2006				
20	T03	0823061660	8/23/2006				
21	T04	0823061661	8/23/2006				
22	T05	0823061662	8/23/2006				
23	T06	0823061663	8/23/2006				
24	T07	0823061664	8/23/2006				
25	T08	0823061665	8/23/2006				
26	T09	0823061666	8/23/2006				
27	T10	0823061667	8/23/2006				
28	T11	0823061668	8/23/2006				
29	T12	0823061669	8/23/2006				
30	T12	0823061670	8/23/2006				
31	T13	0823061671	8/23/2006				
32	T14	0823061672	8/23/2006				
33	T15	0823061673	8/23/2006				
34	T16	0823061674	8/23/2006				
35	T17	0823061675	8/23/2006				
36	T18	0823061676	8/23/2006				
37	T19	0823061677	8/23/2006				
38	T20	0823061678	8/23/2006				
39	T22	0823061679	8/23/2006				
40	T23	0823061680	8/23/2006				



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Licensee Information

Name:	**WOOD, WILLIAM G (Primary Name)**
	WOODMAN PARK BUILDERS INC (DBA Nam
Main Address:	**P.O.BOX 3535** **LAKE CITY Florida 32026**
License Mailing:	
LicenseLocation:	**P.O.BOX 3535** **LAKE CITY FL 32026**

License Information

License Type:	**Certified Building Contractor**
Rank:	**Cert Building**
License Number:	**CBC058182**
Status:	**Current,Active**
Licensure Date:	**10/06/1997**
Expires:	**08/31/2006**

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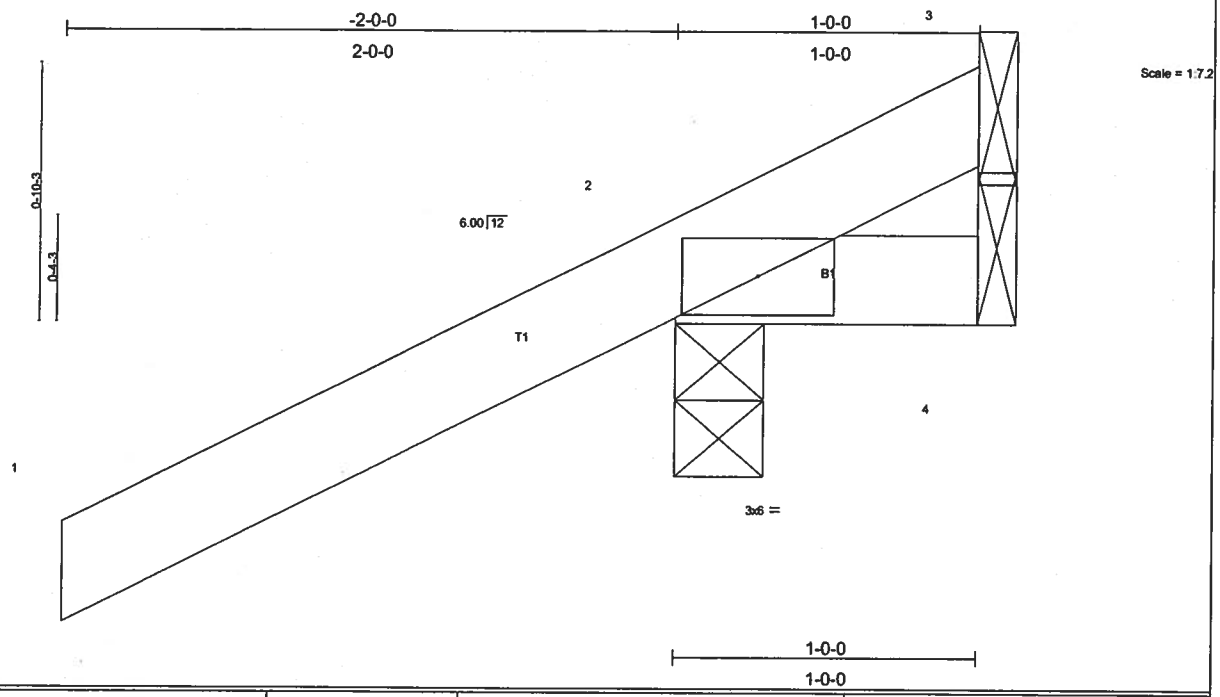
Dwg.#0823061641

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	CJ1	ROOF TRUSS	14	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:17:20 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 7 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=266/0-3-8, 4=14/Mechanical, 3=-90/Mechanical
Max Horz 2=87(load case 5)
Max Uplift2=-286(load case 5), 4=-9(load case 3), 3=-90(load case 1)
Max Grav 2=266(load case 1), 4=14(load case 1), 3=127(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-69/75
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2, 9 lb uplift at joint 4 and 90 lb uplift at joint 3.

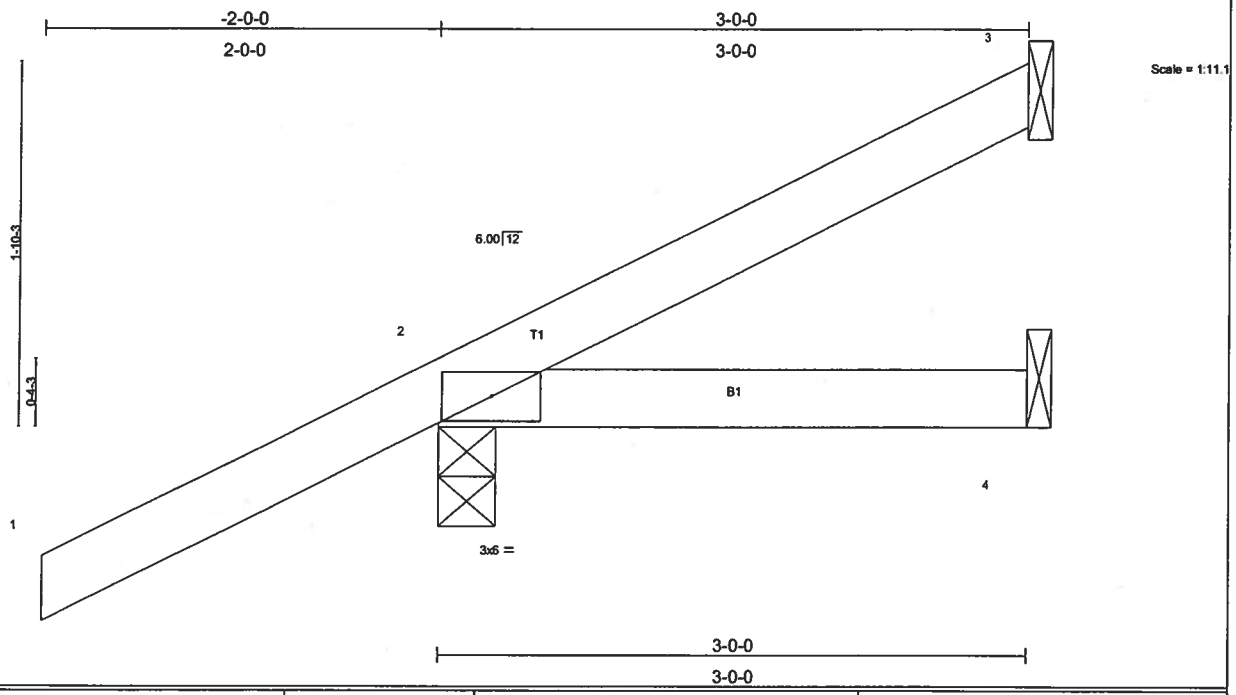
LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061642

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	CJ3	ROOF TRUSS	8	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:17:39 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 13 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
Max Horz 2=132(load case 5)
Max Uplift3=-28(load case 6), 2=-238(load case 5), 4=-27(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-57/7
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3, 238 lb uplift at joint 2 and 27 lb uplift at joint 4.

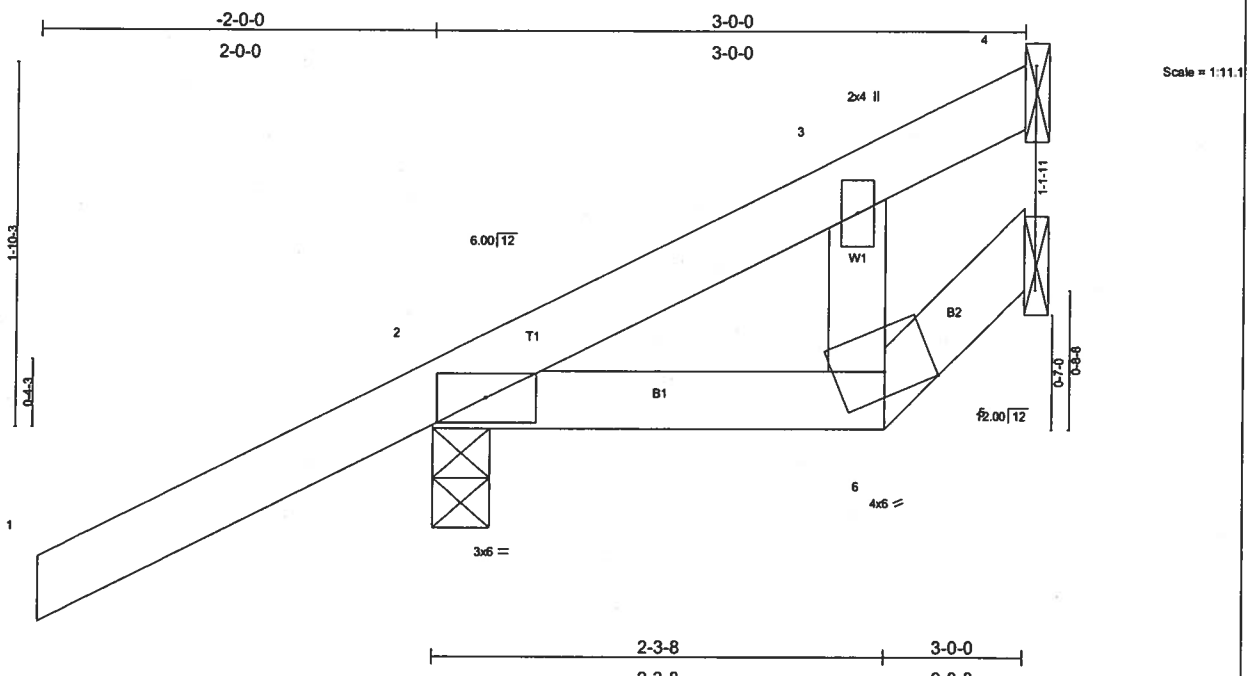
LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061643

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	CJ3A	ROOF TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:18:10 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.01	6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.01	6	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.01	Horz(TL)	-0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 15 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 4=63/Mechanical, 2=278/0-3-8, 5=10/Mechanical
Max Horz 2=132(load case 5)
Max Uplift4=-21(load case 6), 2=-203(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-58/2, 3-4=-18/26
BOT CHORD 2-6=-6/0, 5-6=-6/6
WEBS 3-6=0/42

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 4 and 203 lb uplift at joint 2.

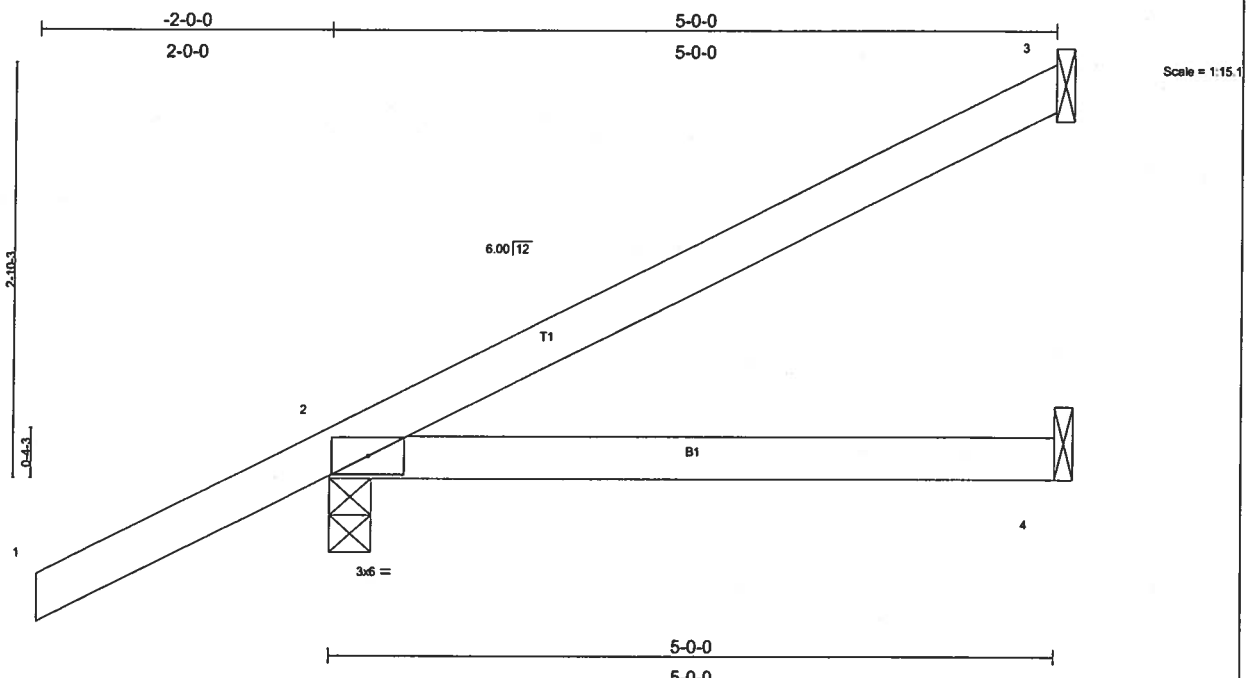
LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061644

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	CJ5	ROOF TRUSS	8	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:18:28 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.09	2-4	>663	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	0.07	2-4	>774	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 19 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=103/Mechanical, 2=343/0-3-8, 4=72/Mechanical
Max Horz 2=178(load case 5)
Max Uplift3=-87(load case 5), 2=-260(load case 5), 4=-46(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-88/36
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 3, 260 lb uplift at joint 2 and 46 lb uplift at joint 4.

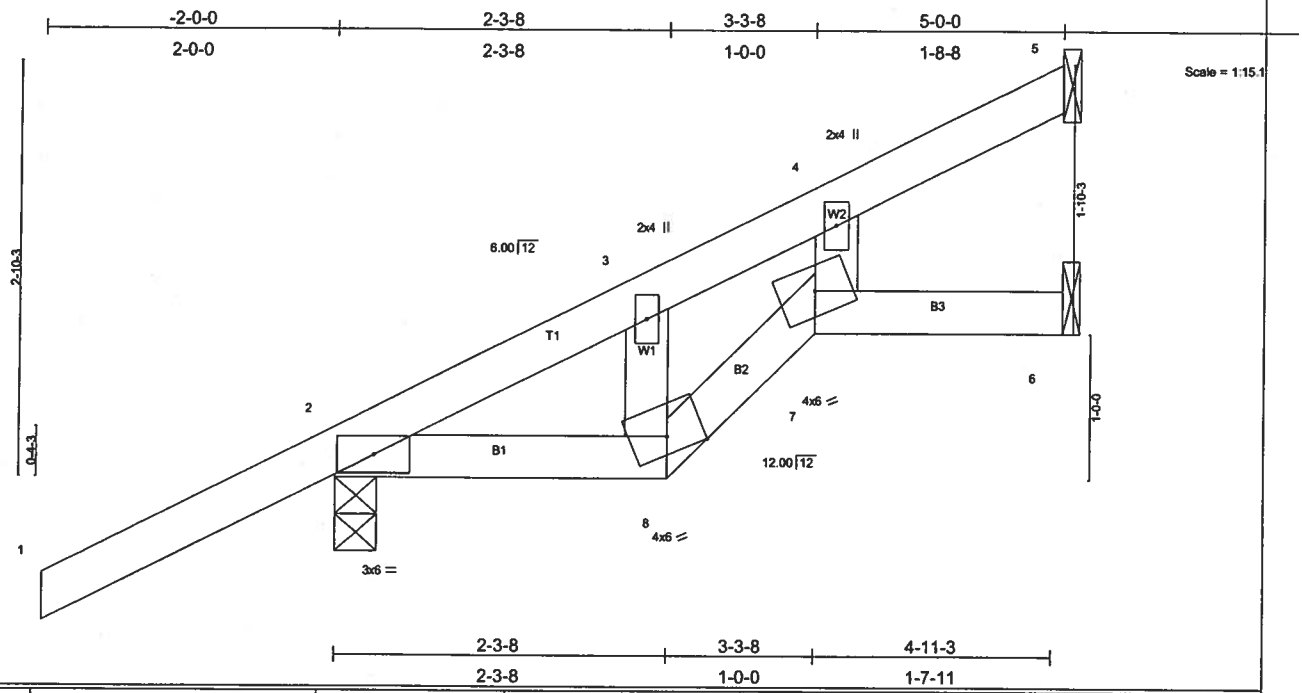
LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061645

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	CJ5A	ROOF TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:19:07 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	0.06	8	>886	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.09	8	>607	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.02	Horz(TL)	-0.02	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 22 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=151/Mechanical, 2=343/0-3-8, 6=25/Mechanical
Max Horz 2=178(load case 5)
Max Uplift5=-78(load case 5), 2=-199(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-99/0, 3-4=-79/0, 4-5=-68/64
BOT CHORD 2-8=0/5, 7-8=0/23, 6-7=-0/0
WEBS 3-8=0/38, 4-7=0/51

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 78 lb uplift at joint 5 and 199 lb uplift at joint 2.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061646

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	CJ7	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:31:34 2006 Page 1

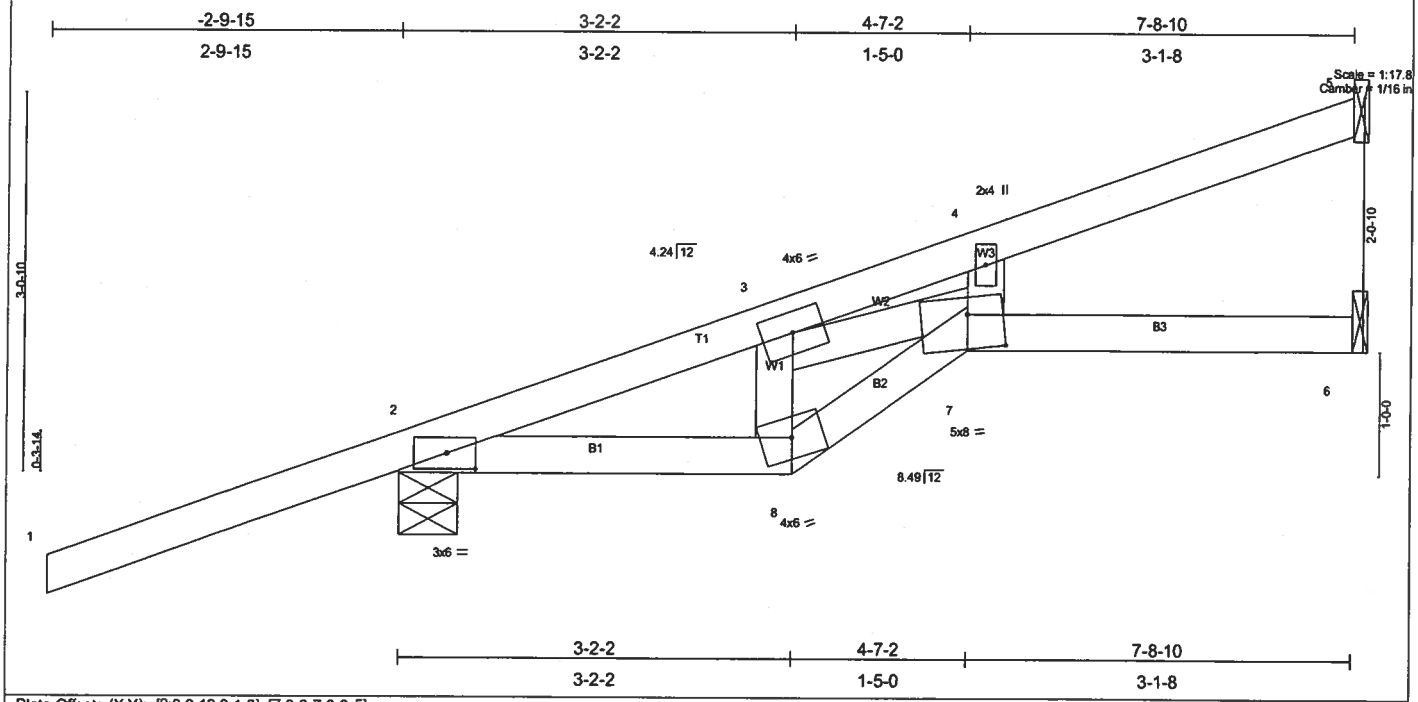


Plate Offsets (X,Y): [2:0-2-12,0-1-8], [7:0-3-7,0-3-5]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.12	7	>733	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.20	7	>455	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.05	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 33 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 5=212/Mechanical, 2=408/0-5-11, 6=158/Mechanical
Max Horz 2=185(load case 2)
Max Uplift5=-131(load case 2), 2=-256(load case 2), 6=-20(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/50, 2-3=-376/0, 3-4=-117/0, 4-5=-56/61
BOT CHORD 2-8=-60/328, 7-8=-39/302, 6-7=-1/0
WEBS 3-8=-45/11, 3-7=-308/73, 4-7=0/108

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 131 lb uplift at joint 5, 256 lb uplift at joint 2 and 20 lb uplift at joint 6.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

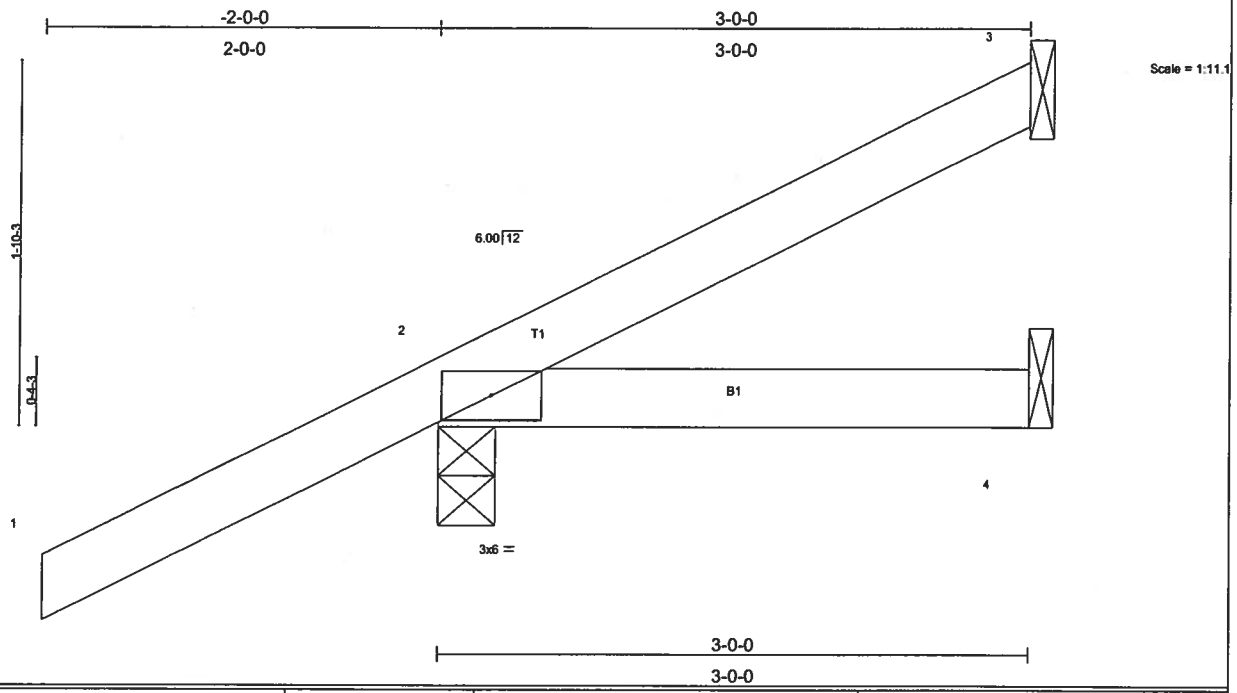
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54
Trapezoidal Loads (plf)
Vert: 2=-3(F=25, B=25)-to-5=-104(F=-25, B=-25), 2=0(F=15, B=15)-to-8=-23(F=4, B=4), 8=-23(F=4, B=4)-to-7=-34(F=-2, B=-2), 7=-34(F=-2, B=-2)-to-6=-58(F=-14, B=-14)

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061647

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	EJ3	ROOF TRUSS	12	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:19:30 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 13 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
Max Horz 2=132(load case 5)
Max Uplift3=-28(load case 6), 2=-238(load case 5), 4=-27(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-57/7
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3, 238 lb uplift at joint 2 and 27 lb uplift at joint 4.

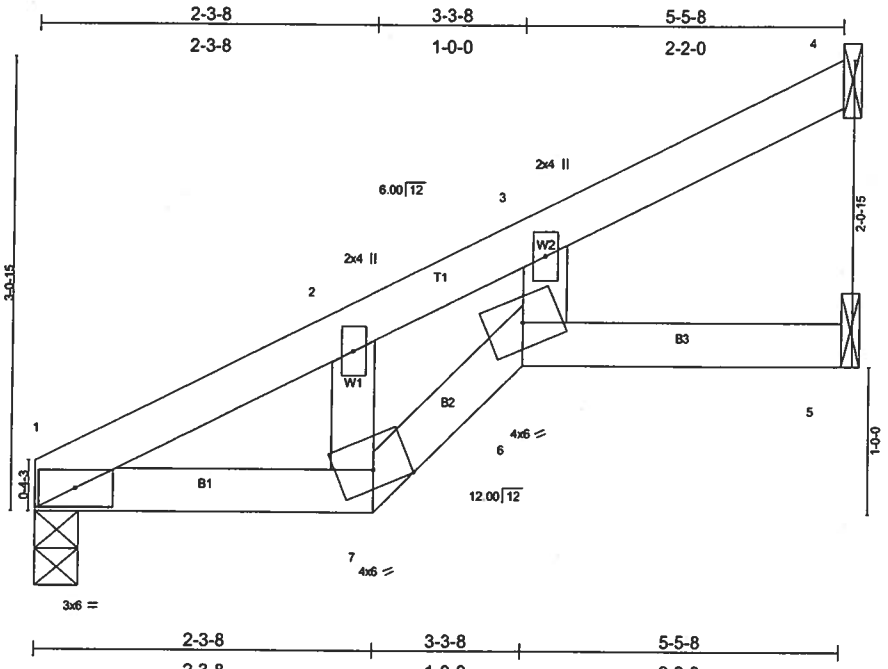
LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061648

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	EJ5	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:21:28 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	0.20	7	>315	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.20	7	>311	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.04	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 21 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-5-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=220/0-3-8, 4=189/Mechanical, 5=32/Mechanical
Max Horz 1=126(load case 5)
Max Uplift1=-50(load case 5), 4=-122(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-116/0, 2-3=-107/0, 3-4=-96/80
BOT CHORD 1-7=0/7, 6-7=0/25, 5-6=-0/0
WEBS 2-7=0/36, 3-6=0/59

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 50 lb uplift at joint 1 and 122 lb uplift at joint 4.

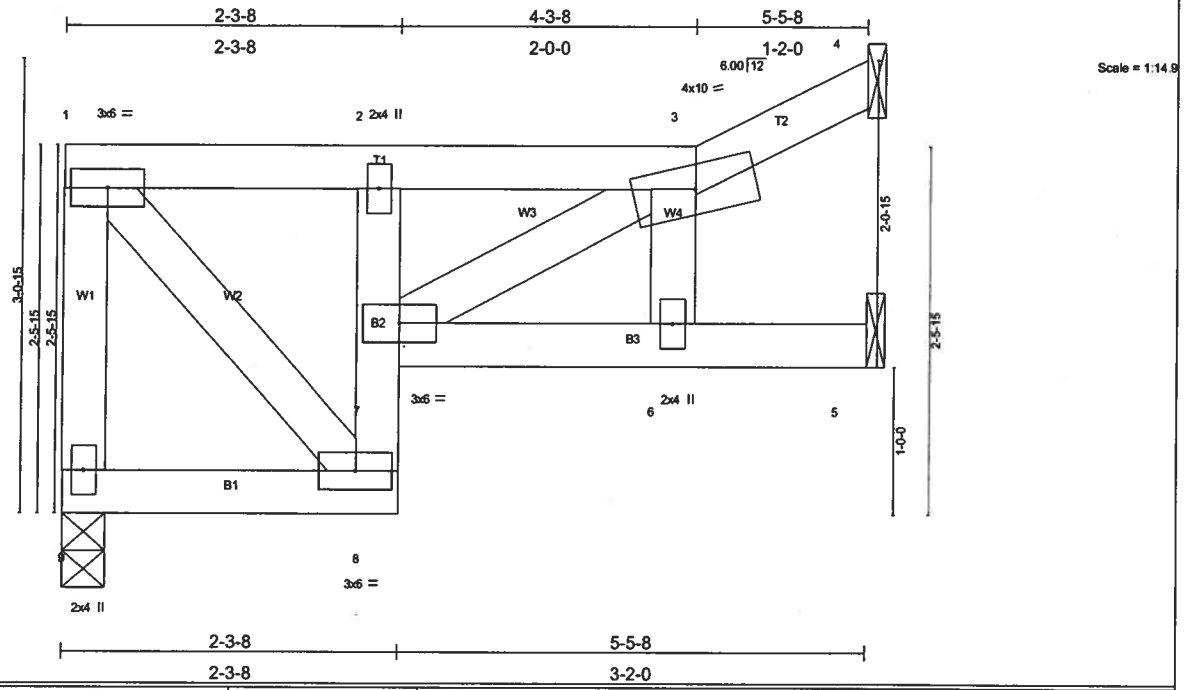
LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061649

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	EJ5A	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:23:24 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.07	Vert(LL)	0.05	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.07	6-7	>919	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.09	Horz(TL)	0.03	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 30 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* B2 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-5-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 9=220/0-3-8, 4=30/Mechanical, 5=191/Mechanical
Max Horz 9=17(load case 5)
Max Uplift9=-76(load case 3), 4=-17(load case 5), 5=-50(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-9=-190/140, 1-2=-118/68, 2-3=-217/155, 3-4=-22/11
BOT CHORD 8-9=-37/0, 7-8=-100/81, 2-7=-99/129, 6-7=-28/26, 5-6=0/0
WEBS 1-8=-101/176, 3-7=-250/280, 3-6=-232/217

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint 9, 17 lb uplift at joint 4 and 50 lb uplift at joint 5.

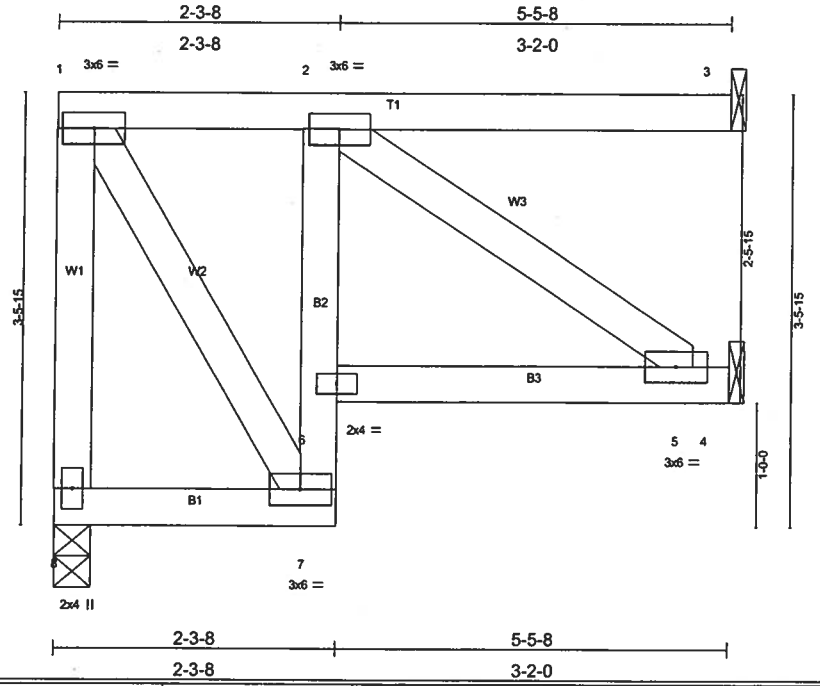
LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061650

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	EJ5B	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:24:16 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.11	Vert(LL)	0.01	6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	-0.02	5-6	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.02	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 35 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-5-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 6-7.

REACTIONS (lb/size) 8=220/0-3-8, 3=80/Mechanical, 4=141/Mechanical
Max Uplift8=-83(load case 3), 3=-53(load case 3), 4=-30(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=-190/157, 1-2=-93/72, 2-3=0/0
BOT CHORD 7-8=-0/0, 6-7=-120/122, 2-6=-64/126, 5-6=-105/136, 4-5=0/0
WEBS 1-7=-136/176, 2-5=-168/130

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 83 lb uplift at joint 8, 53 lb uplift at joint 3 and 30 lb uplift at joint 4.

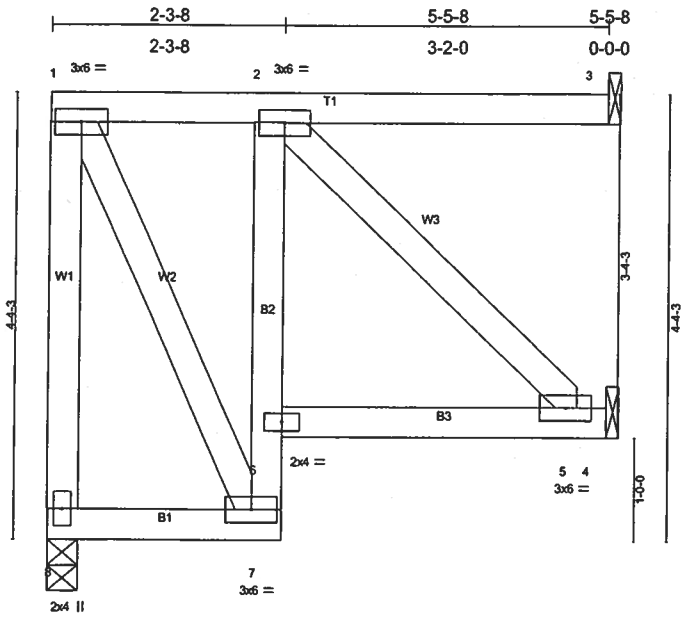
LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061651

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	EJ5C	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:24:55 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.10	Vert(LL)	0.01	6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.02	5-6	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.02	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 39 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-5-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 6-7.

REACTIONS (lb/size) 8=220/0-3-8, 3=78/Mechanical, 4=142/Mechanical
Max Uplift8=-83(load case 3), 3=-53(load case 3), 4=-31(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=-190/157, 1-2=-75/58, 2-3=0/0
BOT CHORD 7-8=-0/0, 6-7=-122/123, 2-6=-66/128, 5-6=-77/99, 4-5=0/0
WEBS 1-7=-131/169, 2-5=-141/109

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 83 lb uplift at joint 8, 53 lb uplift at joint 3 and 31 lb uplift at joint 4.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061652

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	EJ5D	ROOF TRUSS	1	2	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:25:54 2006 Page 1

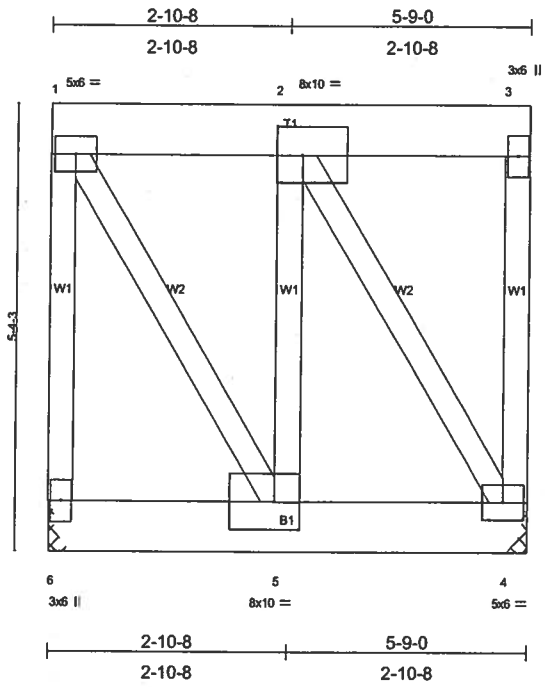


Plate Offsets (X,Y): [2:0-3-9,0-4-2], [5:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	0.01	5	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.10	Vert(TL)	-0.01	5	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.20	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 136 lb	

LUMBER
TOP CHORD 2 X 8 SYP 2400F 2.0E
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-9-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=2149/Mechanical, 4=2149/Mechanical
Max Uplift6=-811(load case 2), 4=-811(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-6=-1217/479, 1-2=-627/237, 2-3=0/0, 3-4=-128/67
BOT CHORD 5-6=-0/0, 4-5=-237/627
WEBS 1-5=-475/1257, 2-5=-384/1050, 2-4=-1257/475

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 8 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
4) Provide adequate drainage to prevent water ponding.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 811 lb uplift at joint 6 and 811 lb uplift at joint 4.
7) Girder carries tie-in span(s): 35-9-0 from 0-0-0 to 5-9-0

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 4-6=-734(F=-703)

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061653

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	EJ7	ROOF TRUSS	36	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:26:40 2006 Page 1

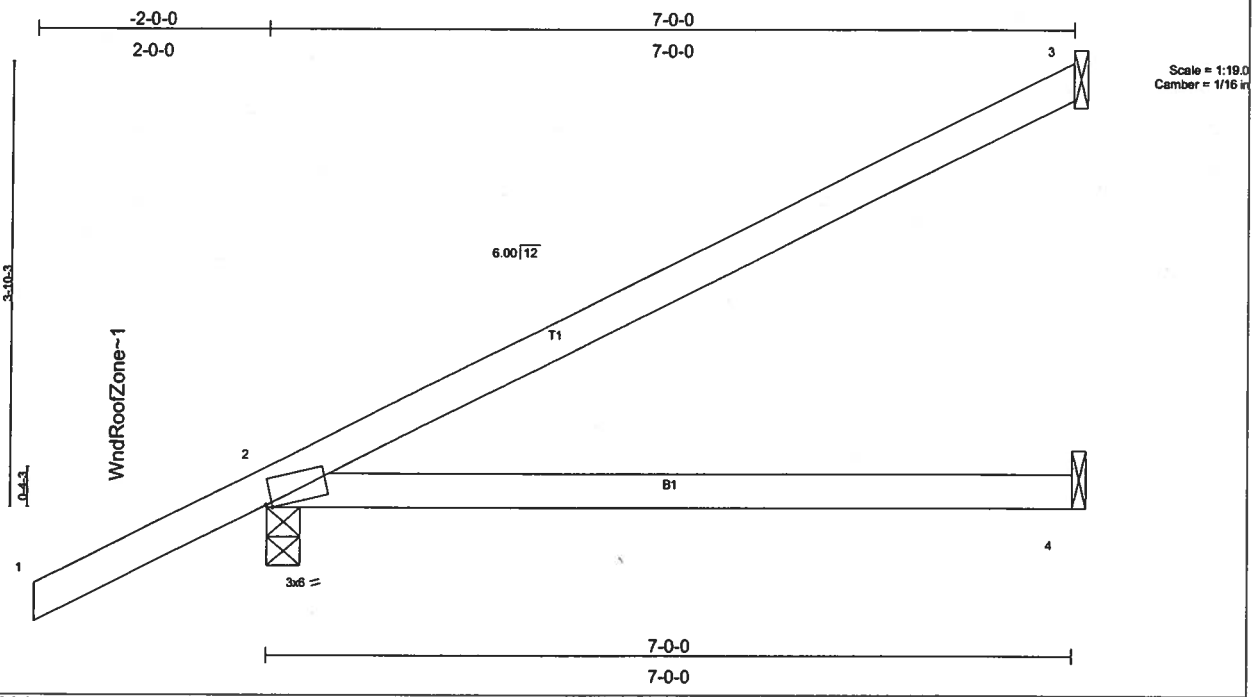

Plate Offsets (X,Y): [2:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	0.27	2-4	>305	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	0.22	2-4	>374	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 26 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=162/Mechanical, 2=419/0-3-8, 4=104/Mechanical
Max Horz 2=224(load case 5)
Max Uplift3=-144(load case 5), 2=-295(load case 5), 4=-68(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-94/58
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 3, 295 lb uplift at joint 2 and 68 lb uplift at joint 4.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
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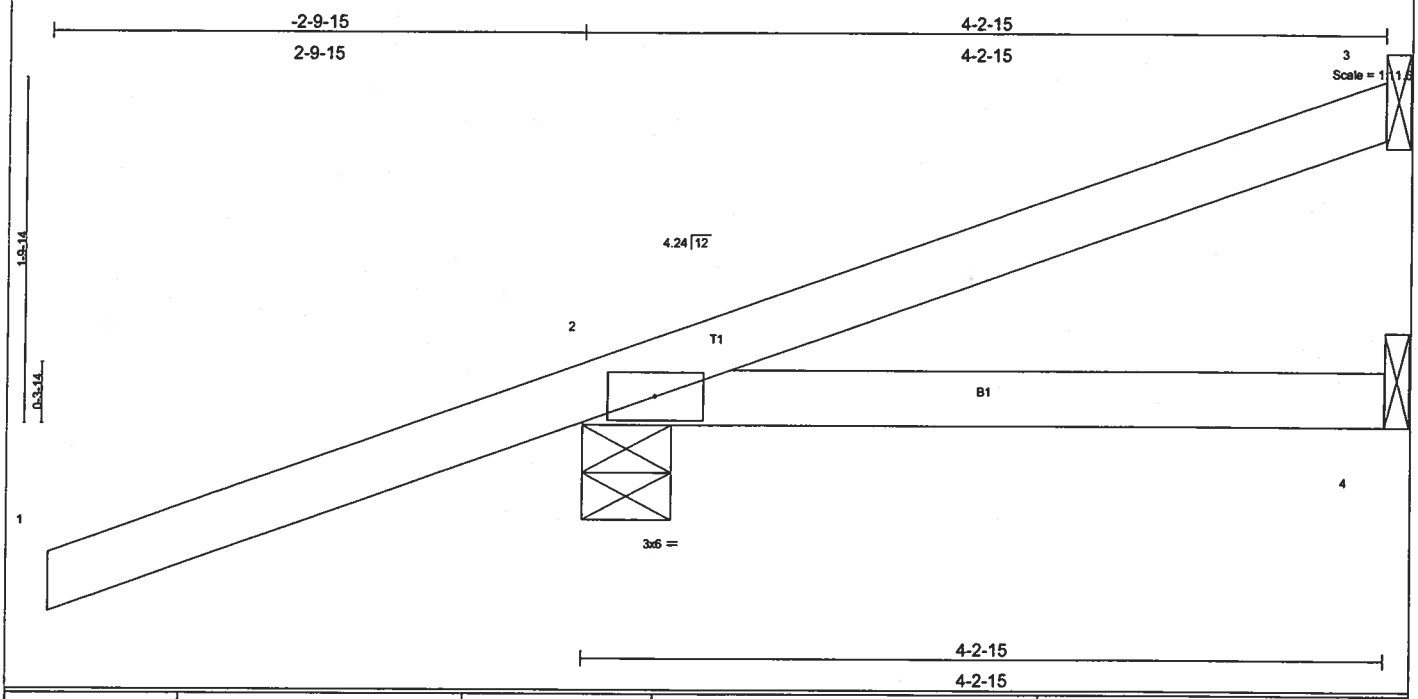
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061654

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	HJ4	ROOF TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 13:33:10 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	0.02	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=13/Mechanical, 2=293/0-5-11, 4=42/Mechanical
Max Horz 2=98(load case 2)
Max Uplift3=-5(load case 5), 2=-305(load case 2), 4=-41(load case 2)
Max Grav 3=33(load case 6), 2=293(load case 1), 4=42(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/50, 2-3=-38/11
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 5 lb uplift at joint 3, 305 lb uplift at joint 2 and 41 lb uplift at joint 4.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54
Trapezoidal Loads (plf)
Vert: 2=-3(F=25, B=25)-to-3=-57(F=-2, B=-2), 2=0(F=15, B=15)-to-4=-32(F=-1, B=-1)

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061655

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	HJ7	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:32:26 2006 Page 1

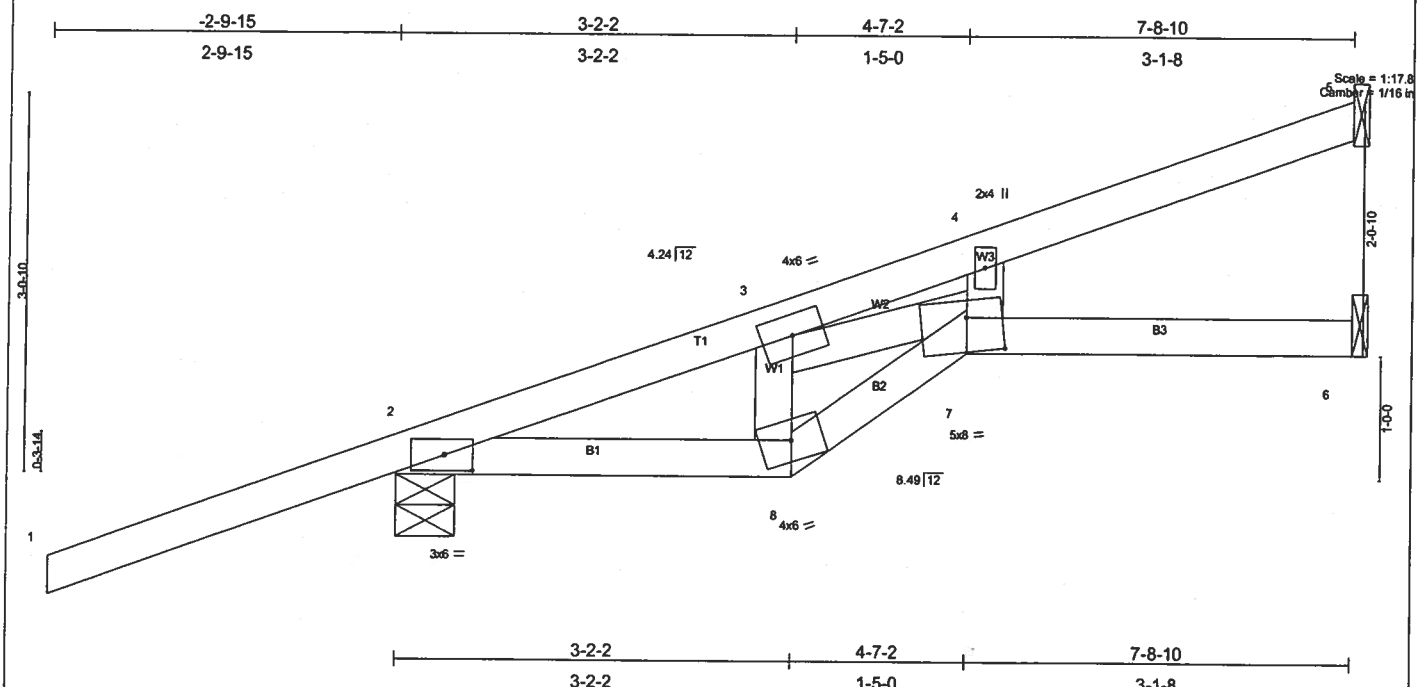


Plate Offsets (X,Y): [2:0-2-12,0-1-8], [7:0-3-7,0-3-5]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.12	7	>733	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.20	7	>455	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.05	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 33 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 5=212/Mechanical, 2=408/0-5-11, 6=158/Mechanical
Max Horz 2=185(load case 2)
Max Uplift5=-131(load case 2), 2=-256(load case 2), 6=-20(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/50, 2-3=-376/0, 3-4=-117/0, 4-5=-56/61
BOT CHORD 2-8=-60/328, 7-8=-39/302, 6-7=-1/0
WEBS 3-8=-45/11, 3-7=-308/73, 4-7=0/108

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 131 lb uplift at joint 5, 256 lb uplift at joint 2 and 20 lb uplift at joint 6.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

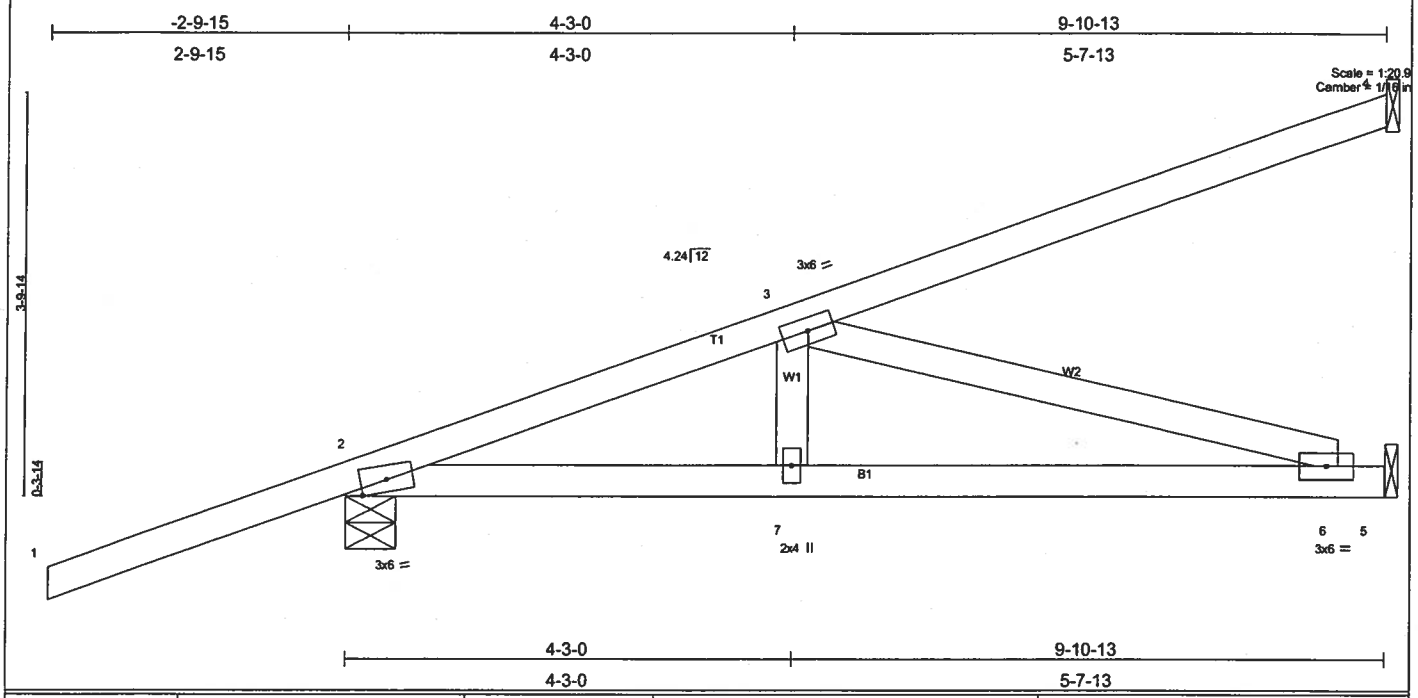
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54
Horz: 1-2=0
Trapezoidal Loads (plf)
Vert: 2=-3(F=25, B=25)-to-5=-104(F=-25, B=-25), 2=0(F=15, B=15)-to-8=-23(F=4, B=4), 8=-23(F=4, B=4)-to-7=-34(F=-2, B=-2), 7=-34(F=-2, B=-2)-to-6=-58(F=-14, B=-14)
Horz: 2=-0(F=0, B=0)-to-3=-0

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061656

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	HJ9	ROOF TRUSS	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:33:42 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	-0.11	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.19	6-7	>623	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.45	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 45 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-9 oc bracing.

REACTIONS (lb/size) 4=270/Mechanical, 2=535/0-5-11, 5=374/Mechanical
Max Horz 2=269(load case 2)
Max Uplift4=-233(load case 2), 2=-401(load case 2), 5=-181(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/50, 2-3=-883/363, 3-4=-105/66
BOT CHORD 2-7=-535/817, 6-7=-535/817, 5-6=0/0
WEBS 3-7=-94/188, 3-6=-851/557

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 233 lb uplift at joint 4, 401 lb uplift at joint 2 and 181 lb uplift at joint 5.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54
Trapezoidal Loads (plf)
Vert: 2=-3(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=0(F=15, B=15)-to-5=-74(F=-22, B=-22)

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061657

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	PB01	PIGGYBACK 3x6 =	14	1	Job Reference (optional)

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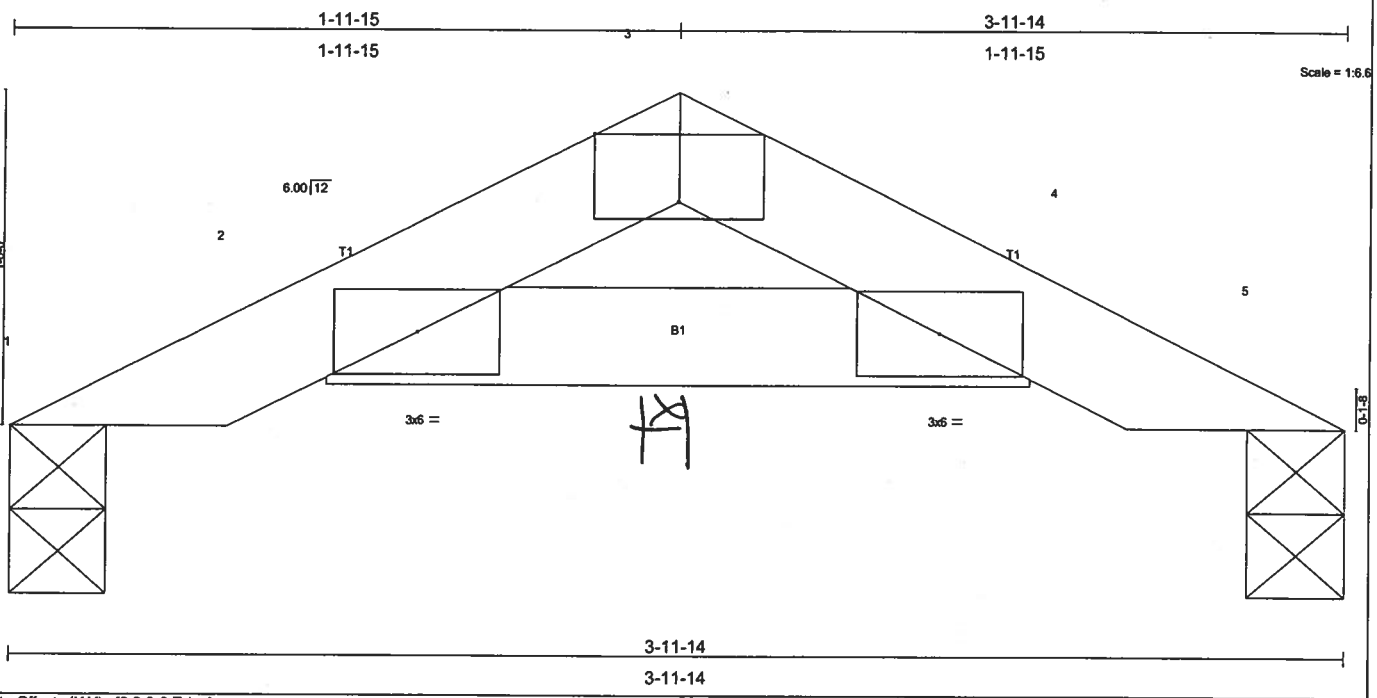


Plate Offsets (X,Y): [3:0-3-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	-0.02	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 10 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=140/0-3-8, 5=140/0-3-8
Max Horz 1=13(load case 4)
Max Uplift1=-50(load case 5), 5=-50(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-56/47, 2-3=-231/163, 3-4=-231/163, 4-5=-56/47
BOT CHORD 2-4=-121/231

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 50 lb uplift at joint 1 and 50 lb uplift at joint 5.
5) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061658

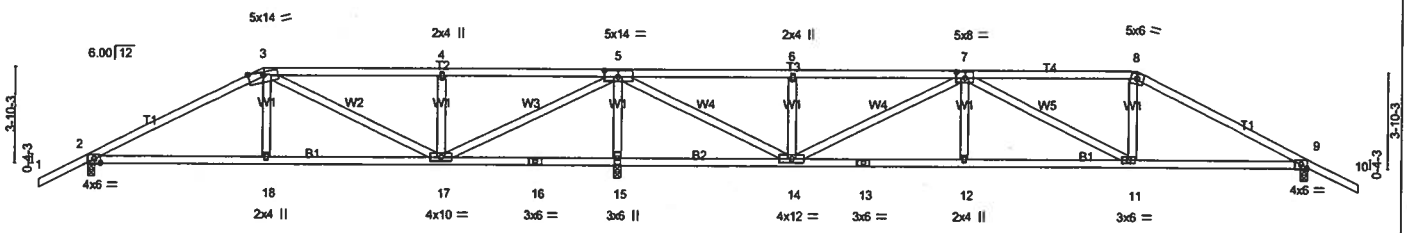
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
TEMP	T01	ROOF TRUSS	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:37:51 2006 Page 1

2-0-0 | 7-0-0 | 14-2-6 | 21-4-12 | 28-4-5 | 35-3-15 | 42-3-8 | 49-3-8 | 51-3-8

2-0-0 | 7-0-0 | 7-2-6 | 7-2-6 | 6-11-9 | 6-11-9 | 6-11-9 | 7-0-0 | 2-0-0

Scale = 1:88.7
Camber = 1/8 in



7-0-0 | 14-2-6 | 21-4-12 | 28-4-5 | 35-3-15 | 42-3-8 | 49-3-8

7-0-0 | 7-2-6 | 7-2-6 | 6-11-9 | 6-11-9 | 6-11-9 | 7-0-0

Plate Offsets (X,Y): [5:0-7-0,0-3-0], [7:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.17	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.28	11-12	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.82	Horz(TL)	0.05	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 481 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 15-17,14-15.

REACTIONS (lb/size) 2=1316/0-3-8, 15=5538/0-3-8, 9=2051/0-3-8
Max Horz 2=-87(load case 5)
Max Uplift2=-871(load case 4), 15=-2748(load case 3), 9=-898(load case 5)
Max Grav 2=1325(load case 8), 15=5538(load case 1), 9=2055(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2203/1278, 3-4=-847/734, 4-5=-846/735, 5-6=-1615/703, 6-7=-1615/703, 7-8=-3343/1463, 8-9=-3781/1576, 9-10=0/47
BOT CHORD 2-18=-1111/1898, 17-18=-1127/1934, 16-17=-2957/1442, 15-16=-2957/1442, 14-15=-2957/1442, 13-14=-1559/3757, 12-13=-1559/3757, 11-12=-1559/3757, 9-11=-1329/3298
WEBS 3-18=-395/889, 3-17=-1232/564, 4-17=-878/721, 5-17=-2312/4205, 5-15=-5041/2730, 5-14=-2272/5103, 6-14=-793/648, 7-14=-2416/1098, 7-12=0/469, 7-11=-578/302, 8-11=-331/1132

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 871 lb uplift at joint 2, 2748 lb uplift at joint 15 and 898 lb uplift at joint 9.
7) Girder carries hip end with 7-0-0 end setback.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 42-3-8, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-8=-118(F=-64), 8-10=-54, 2-18=-30, 11-18=-65(F=-35), 9-11=-30
Concentrated Loads (lb)
Vert: 18=-539(F) 11=-539(F)

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

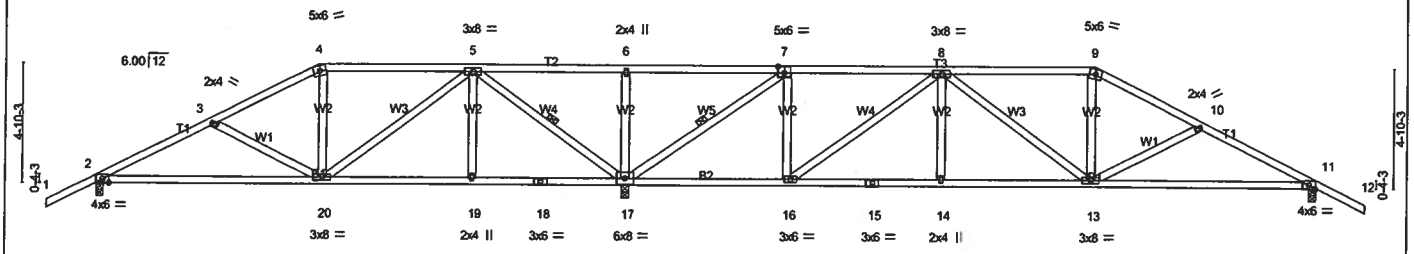
Dwg.#0823061659

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T02	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:42:53 2006 Page 1

2-0-0	4-9-4	9-0-0	15-2-6	21-4-12	27-10-12	34-1-2	40-3-8	44-6-4	49-3-8	51-3-8
2-0-0	4-9-4	4-2-12	6-2-6	6-2-6	6-6-0	6-2-6	6-2-6	4-2-12	4-9-4	2-0-0

Scale = 1:88.7
Camber = 1/8 in



9-0-0	15-2-6	21-4-12	27-10-12	34-1-2	40-3-8	49-3-8
9-0-0	6-2-6	6-2-6	6-6-0	6-2-6	6-2-6	9-0-0

Plate Offsets (X,Y): [7:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	Vert(LL)	0.27	2-20	>954	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.29	11-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.97	Horz(TL)	0.06	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 263 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-17, 7-17

REACTIONS (lb/size) 2=741/0-3-8, 17=2530/0-3-8, 11=1077/0-3-8
Max Horz 2=101(load case 5)
Max Uplift2=-585(load case 5), 17=-1151(load case 4), 11=-413(load case 6)
Max Grav 2=760(load case 9), 17=2530(load case 1), 11=1090(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-932/951, 3-4=-678/809, 4-5=-561/777, 5-6=-504/1202, 6-7=-504/1202, 7-8=-406/149, 8-9=-1213/510, 9-10=-1394/510, 10-11=-1636/614, 11-12=0/47
BOT CHORD 2-20=-705/797, 19-20=-177/65, 18-19=-177/65, 17-18=-177/65, 16-17=0/382, 15-16=-267/1155, 14-15=-267/1155, 13-14=-267/1155, 11-13=-385/1418
WEBS 3-20=-266/273, 4-20=-147/0, 5-20=-420/653, 5-19=-202/154, 5-17=-1493/1173, 6-17=-346/248, 7-17=-1874/755, 7-16=-195/754, 8-16=-952/433, 8-14=0/162, 8-13=-63/93, 9-13=-11/314, 10-13=-244/207

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 585 lb uplift at joint 2, 1151 lb uplift at joint 17 and 413 lb uplift at joint 11.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

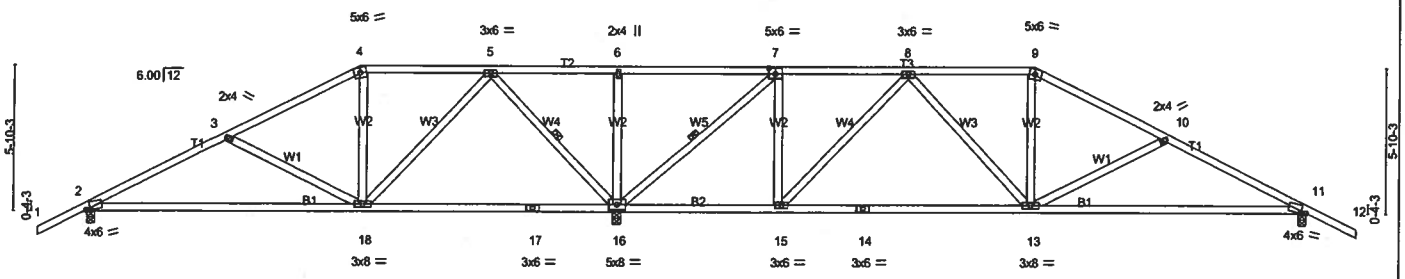
Dwg.#0823061660

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T03	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:51:47 2006 Page 1

2-0-0	5-9-4	11-0-0	16-2-8	21-5-0	27-10-8	33-1-0	38-3-8	43-6-4	49-3-8	51-3-8
2-0-0	5-9-4	5-2-12	5-2-8	5-2-8	6-5-8	5-2-8	5-2-8	5-2-12	5-9-4	2-0-0

Scale = 1:88.7
Camber = 3/16 in



11-0-0	21-5-0	27-10-8	38-3-8	49-3-8
11-0-0	10-5-0	6-5-8	10-5-0	11-0-0

Plate Offsets (X,Y): [2:0-1-13,Edge], [7:0-3-0,0-3-0], [11:0-2-5,0-0-11]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.29	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.68	Vert(TL)	-0.49	11-13	>679	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.79	Horz(TL)	0.05	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 262 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-16, 7-16

REACTIONS (lb/size) 2=718/0-4-0, 16=2571/0-4-0, 11=1057/0-3-8
Max Horz 2=-115(load case 6)
Max Uplift2=-349(load case 5), 16=-790(load case 4), 11=-445(load case 6)
Max Grav 2=750(load case 9), 16=2571(load case 1), 11=1080(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-850/390, 3-4=-513/233, 4-5=-394/265, 5-6=-258/1071, 6-7=-258/1071, 7-8=-301/240, 8-9=-1050/527, 9-10=-1237/522, 10-11=-1565/676, 11-12=0/47
BOT CHORD 2-18=-254/723, 17-18=-249/269, 16-17=-249/269, 15-16=-45/280, 14-15=-214/807, 13-14=-214/807, 11-13=-431/1357
WEBS 3-18=-370/303, 4-18=-108/126, 5-18=-257/842, 5-16=-1220/512, 6-16=-327/234, 7-16=-1686/657, 7-15=-200/794, 8-15=-772/339, 8-13=-82/390, 9-13=-13/244, 10-13=-354/298

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 349 lb uplift at joint 2, 790 lb uplift at joint 16 and 445 lb uplift at joint 11.

LOAD CASE(S) Standard

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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

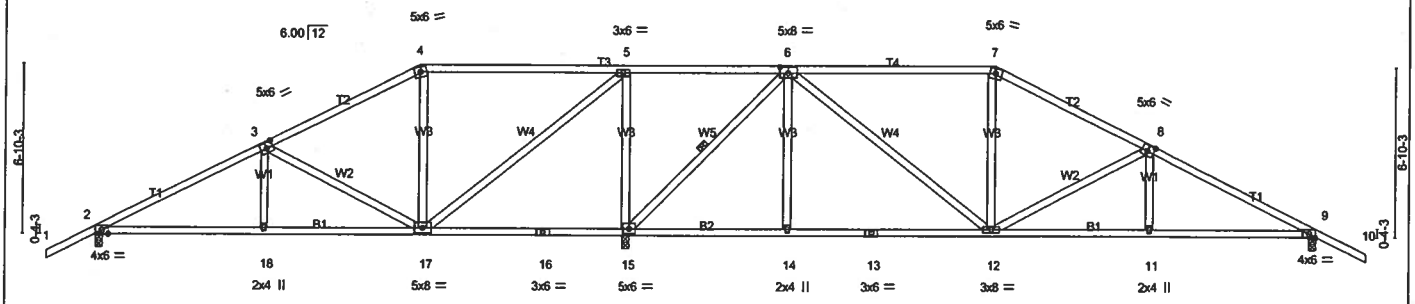
Dwg.#0823061661

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T04	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:51:58 2006 Page 1

2-0-0	6-9-4	13-0-0	21-4-12	27-10-12	36-3-8	42-6-4	49-3-8	51-3-8
2-0-0	6-9-4	6-2-12	8-4-12	6-6-0	8-4-12	6-2-12	6-9-4	2-0-0

Scale = 1:88.7
Camber = 1/8 in



6-9-4	13-0-0	21-4-12	27-10-12	36-3-8	42-6-4	49-3-8
6-9-4	6-2-12	8-4-12	6-6-0	8-4-12	6-2-12	6-9-4

Plate Offsets (X,Y): [3:0-3-0,0-3-0], [6:0-4-0,0-3-0], [8:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	-0.14	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.23	12-14	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.96	Horz(TL)	0.04	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 269 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-15

REACTIONS (lb/size) 2=723/0-3-8, 15=2563/0-3-8, 9=1063/0-3-8
Max Horz 2=-129(load case 6)
Max Uplift2=-365(load case 5), 15=-702(load case 4), 9=-468(load case 6)
Max Grav 2=765(load case 9), 15=2563(load case 1), 9=1091(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-940/385, 3-4=-347/240, 4-5=-242/281, 5-6=-109/879, 6-7=-890/539, 7-8=-1063/525, 8-9=-1643/665, 9-10=0/47
BOT CHORD 2-18=-253/765, 17-18=-254/763, 16-17=-879/521, 15-16=-879/521, 14-15=-71/306, 13-14=-71/306, 12-13=-71/306, 11-12=-411/1388, 9-11=-411/1390
WEBS 3-18=0/208, 3-17=-588/328, 4-17=-323/201, 5-17=-499/1323, 5-15=-1230/596, 6-15=-1555/593, 6-14=0/216, 6-12=-295/790, 7-12=0/89, 8-12=-568/320, 8-11=0/203

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 365 lb uplift at joint 2, 702 lb uplift at joint 15 and 468 lb uplift at joint 9.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

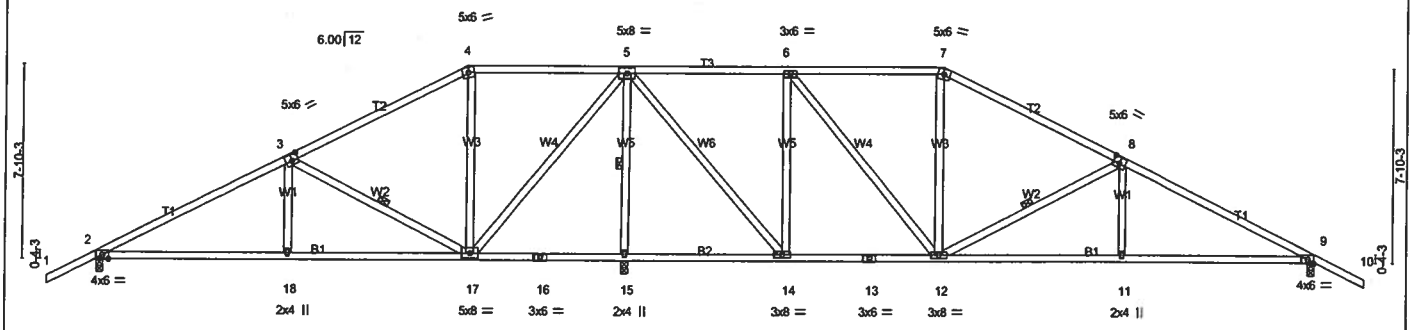
Dwg.#0823061662

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T05	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:52:06 2006 Page 1

2-0-0	7-9-4	15-0-0	21-5-3	27-10-5	34-3-8	41-6-4	49-3-8	51-3-8
2-0-0	7-9-4	7-2-12	6-5-3	6-5-3	6-5-3	7-2-12	7-9-4	2-0-0

Scale = 1:88.7
Camber = 1/16 in



7-9-4	15-0-0	21-4-12	27-10-12	34-3-8	41-6-4	49-3-8
7-9-4	7-2-12	6-4-12	6-6-0	6-4-12	7-2-12	7-9-4

Plate Offsets (X,Y): [3:0-3-0,0-3-0], [8:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.14	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.24	9-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.93	Horz(TL)	0.04	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 279 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-17, 5-15, 8-12

REACTIONS (lb/size) 2=749/0-3-8, 15=2515/0-3-8, 9=1083/0-3-8
Max Horz 2=-143(load case 6)
Max Uplift2=-376(load case 5), 15=-616(load case 5), 9=-486(load case 6)
Max Grav 2=799(load case 9), 15=2515(load case 1), 9=1118(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-972/407, 3-4=-236/216, 4-5=-123/264, 5-6=-327/342, 6-7=-760/519, 7-8=-941/498, 8-9=-1665/684, 9-10=0/47
BOT CHORD 2-18=-266/788, 17-18=-267/782, 16-17=-706/478, 15-16=-706/478, 14-15=-695/473, 13-14=-62/322, 12-13=-62/322, 11-12=-417/1398, 9-11=-416/1404
WEBS 3-18=0/262, 3-17=-747/416, 4-17=-335/183, 5-17=-437/1141, 5-15=-2311/992, 5-14=-542/1421, 6-14=-898/453, 6-12=-281/728, 7-12=-14/60, 8-12=-729/409, 8-11=0/258

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 376 lb uplift at joint 2, 616 lb uplift at joint 15 and 486 lb uplift at joint 9.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

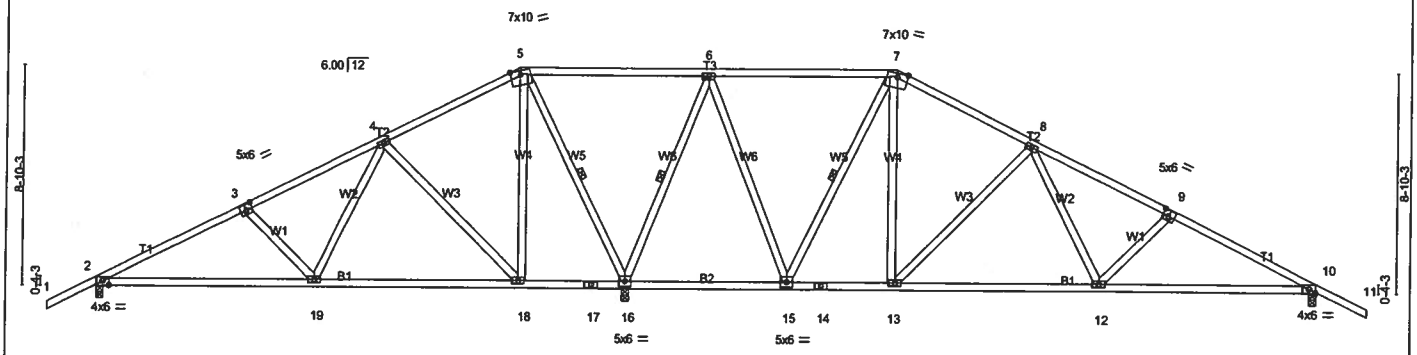
Dwg.#0823061663

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T06	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:52:20 2006 Page 1

2-0-0	6-0-5	11-6-3	17-0-0	24-7-12	32-3-8	37-9-5	43-3-3	49-3-8	51-3-8
2-0-0	6-0-5	5-5-13	5-5-13	7-7-12	7-7-12	5-5-13	5-5-13	6-0-5	2-0-0

Scale = 1:88.7
Camber = 1/8 in



8-9-4	17-0-0	21-4-12	27-10-12	32-3-8	40-6-4	49-3-8
8-9-4	8-2-12	4-4-12	6-6-0	4-4-12	8-2-12	8-9-4

Plate Offsets (X,Y): [3:0-3-0,0-3-0], [9:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	-0.14	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.24	10-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.71	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 291 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-16, 6-16, 7-15

REACTIONS (lb/size) 2=632/0-3-8, 16=2722/0-3-8, 10=993/0-3-8
Max Horz 2=-157(load case 6)
Max Uplift2=-332(load case 5), 16=-722(load case 5), 10=-463(load case 6)
Max Grav 2=709(load case 9), 16=2722(load case 1), 10=1050(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-811/312, 3-4=-582/256, 4-5=0/483, 5-6=-153/952, 6-7=-84/208, 7-8=-572/353, 8-9=-1323/569, 9-10=-1548/623, 10-11=0/47
BOT CHORD 2-19=-248/665, 18-19=-154/233, 17-18=-355/415, 16-17=-355/415, 15-16=-422/430, 14-15=-25/469, 13-14=-25/469, 12-13=-134/884, 10-12=-383/1319
WEBS 3-19=-311/278, 4-19=-160/566, 4-18=-617/384, 5-18=-236/618, 5-16=-1305/550, 6-16=-1492/666, 6-15=-338/1023, 7-15=-910/393, 7-13=-239/624, 8-13=-611/381, 8-12=-154/551, 9-12=-296/272

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x6 MT20 unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 332 lb uplift at joint 2, 722 lb uplift at joint 16 and 463 lb uplift at joint 10.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061664

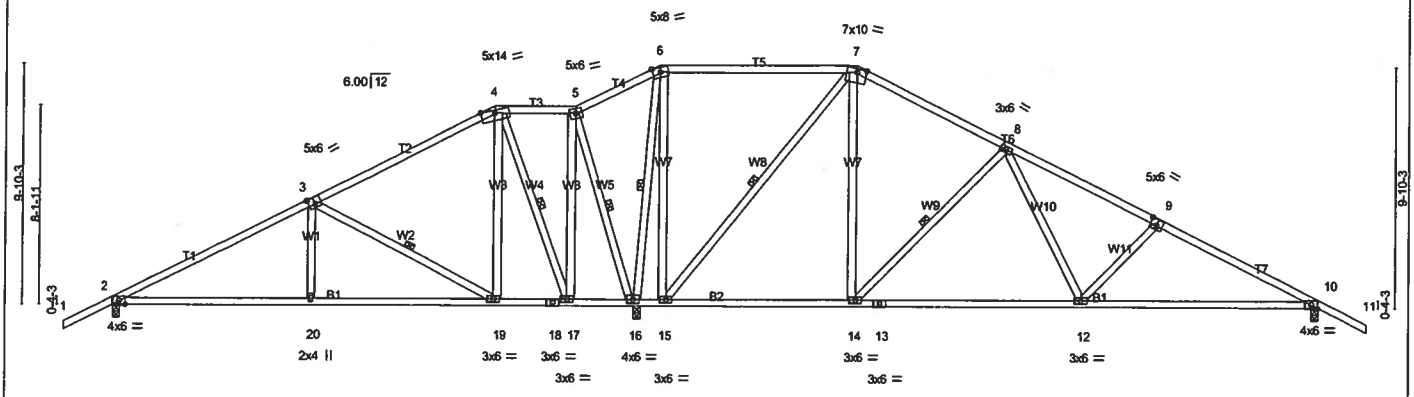
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T07	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:52:31 2006 Page 1

2-0-0 | 8-0-12 | 15-7-0 | 18-10-8 | 22-3-8 | 30-3-8 | 36-5-5 | 42-7-3 | 49-3-8 | 51-3-8

2-0-0 | 8-0-12 | 7-6-4 | 3-3-8 | 3-5-0 | 8-0-0 | 6-1-13 | 6-1-13 | 6-8-5 | 2-0-0

Scale = 1:89.8
Camber = 1/8 in



22-3-8

8-0-12 | 15-7-0 | 18-10-8 | 21-4-12 | 30-3-8 | 39-6-4 | 49-3-8

8-0-12 | 7-6-4 | 3-3-8 | 2-6-4 | 8-0-0 | 9-2-12 | 9-9-4

0-10-12

Plate Offsets (X,Y): [3:0-3-0,0-3-4], [9:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.57	Vert(LL)	-0.22	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.38	10-12	>891	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.88	Horz(TL)	0.05	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 313 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-19, 4-17, 5-16, 7-15, 8-14, 6-16

REACTIONS (lb/size) 2=720/0-3-8, 16=2554/0-3-8, 10=1074/0-3-8
Max Horz 2=172(load case 5)
Max Uplift2=-347(load case 5), 16=-766(load case 5), 10=-484(load case 6)
Max Grav 2=787(load case 9), 16=2554(load case 1), 10=1126(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-933/313, 3-4=-159/214, 4-5=-2/440, 5-6=-97/788, 6-7=0/443, 7-8=-576/356, 8-9=-1416/608, 9-10=-1655/672, 10-11=0/47
BOT CHORD 2-20=-230/751, 19-20=-231/745, 18-19=-167/324, 17-18=-167/324, 16-17=-456/465, 15-16=-458/507, 14-15=0/468, 13-14=-127/930, 12-13=-127/930, 10-12=-419/1425
WEBS 3-20=0/275, 3-19=-790/439, 4-19=-175/568, 4-17=-997/429, 5-17=-349/865, 5-16=-656/365, 6-15=-278/968, 7-15=-1272/522, 7-14=-263/756, 8-14=-680/433, 8-12=-183/615, 9-12=-340/313, 6-16=-1673/583

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 347 lb uplift at joint 2, 766 lb uplift at joint 16 and 484 lb uplift at joint 10.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061665

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T08	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 10:58:40 2006 Page 1

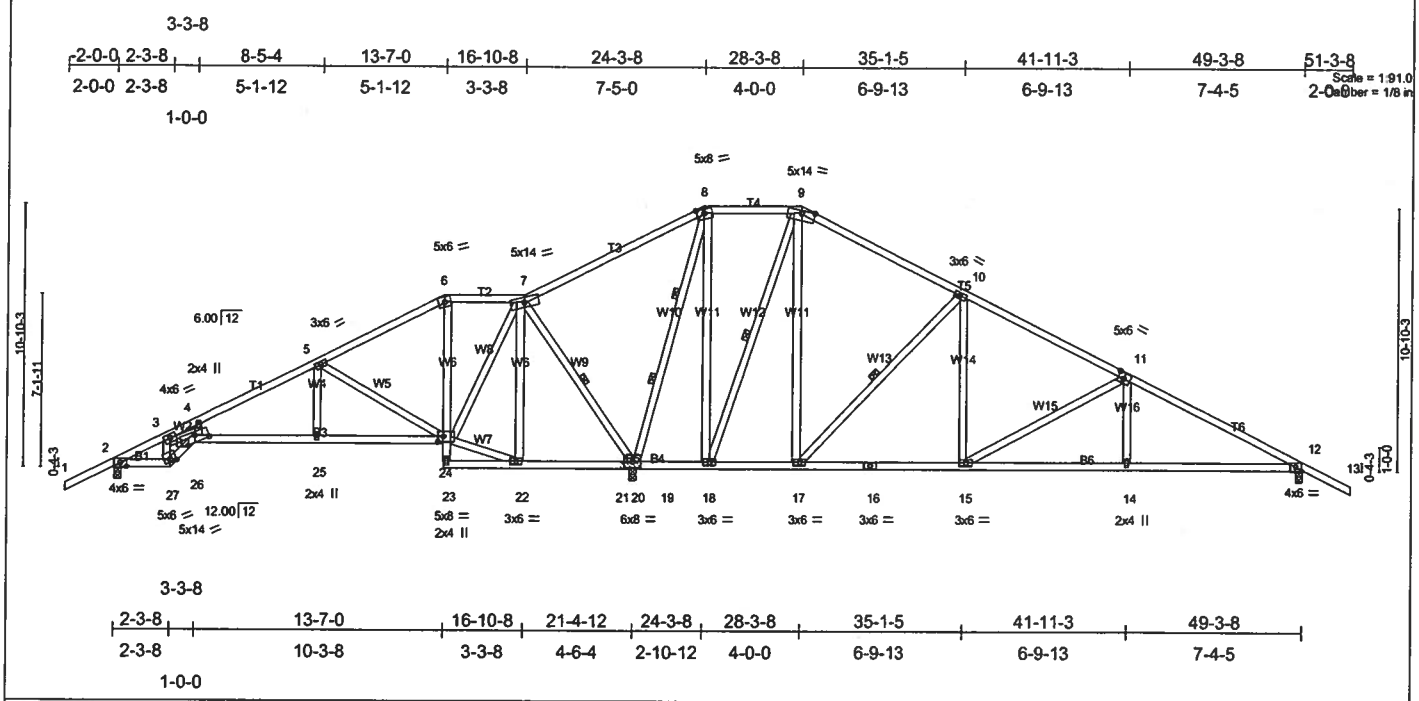


Plate Offsets (X,Y): [11:0-3-0,0-3-0], [24:0-2-8,0-2-8], [26:0-6-10,0-3-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.24	25-26	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.37	25-26	>699	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.97	Horz(TL)	0.12	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 329 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-20, 9-18, 10-17
2 Rows at 1/3 pts 8-20

REACTIONS (lb/size) 2=458/0-3-8, 20=3037/0-3-9 (0-3-8 + bearing block), 12=849/0-3-8
Max Horz 2=185(load case 5)
Max Uplift2=-237(load case 5), 20=-992(load case 5), 12=-477(load case 6)
Max Grav 2=494(load case 9), 20=3037(load case 1), 12=1016(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-589/185, 3-4=-366/39, 4-5=-221/119, 5-6=-169/637, 6-7=-91/528, 7-8=-416/1550, 8-9=-103/731, 9-10=-142/504, 10-11=-799/406, 11-12=-1460/544, 12-13=0/47
BOT CHORD 2-27=-116/484, 26-27=-89/450, 25-26=-56/207, 24-25=-55/207, 22-23=-3/6, 21-22=-863/511, 20-21=-863/511, 19-20=-742/575, 18-19=-742/575, 17-18=-426/404, 16-17=-119/640, 15-16=-119/640, 14-15=-323/1219, 12-14=-322/1224
WEBS 3-27=-109/23, 3-26=-277/162, 4-26=0/166, 7-24=-226/665, 7-22=-123/378, 7-20=-801/492, 8-20=-2269/833, 8-18=-424/1217, 9-18=-1281/481, 9-17=-321/800, 10-17=-851/495, 10-15=-136/531, 11-15=-668/367, 11-14=0/236, 23-24=0/35, 6-24=-393/164, 5-24=-750/365, 5-25=-5/287, 22-24=-894/528

NOTES
1) 2 X 4 SYP No.2 bearing block 12" long at jt. 20 attached to front face with 2 rows of 0.131"x3" Nails spaced 3" o.c. 8 Total fasteners. Bearing is assumed to be SYP.
2) Unbalanced roof live loads have been considered for this design.
3) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
4) Provide adequate drainage to prevent water ponding.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 237 lb uplift at joint 2, 992 lb uplift at joint 20 and 477 lb uplift at joint 12.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061666

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T09	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:06:38 2006 Page 1

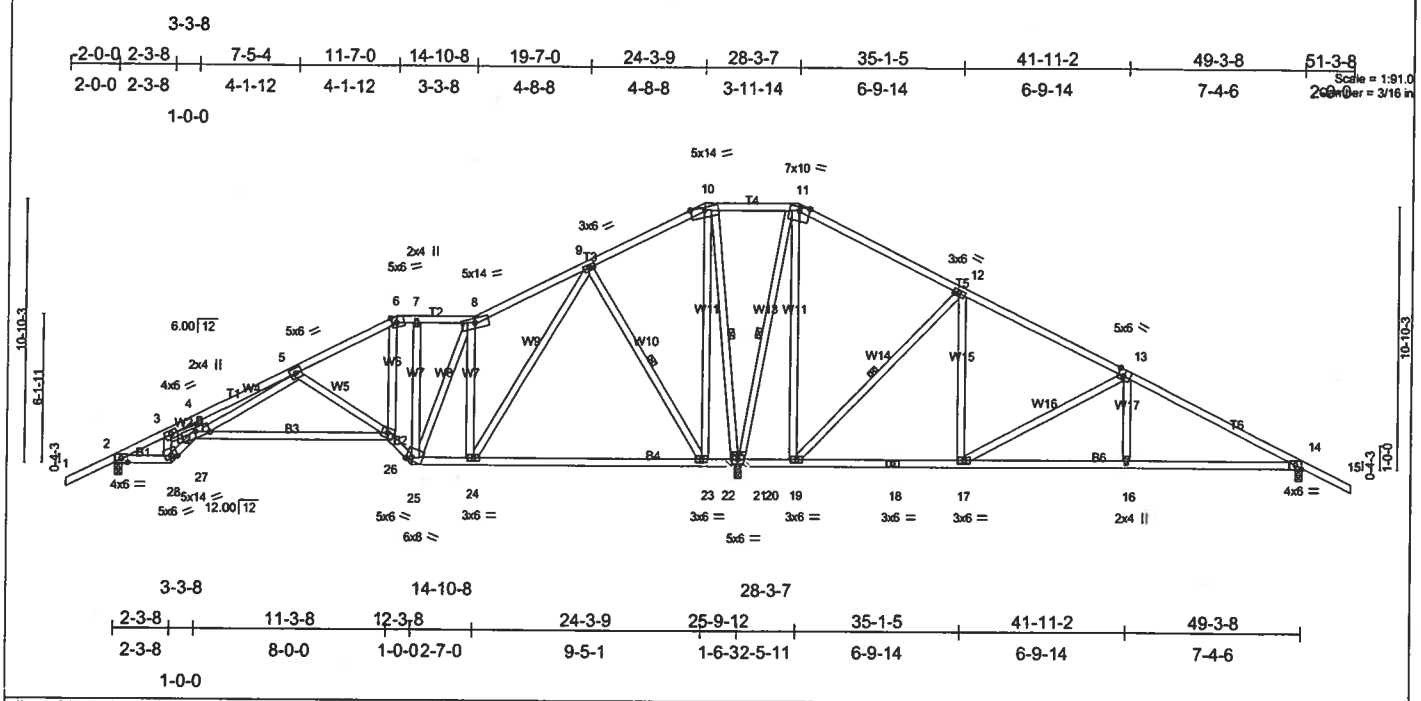


Plate Offsets (X,Y): [6:0-2-3,Edge], [13:0-3-0,0-3-4], [25:0-2-11,Edge], [27:0-6-13,0-3-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	Vert(LL)	-0.28	26-27	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.43	26-27	>711	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.88	Horz(TL)	0.12	21	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 344 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-9 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-8, 10-11.
BOT CHORD Rigid ceiling directly applied or 5-3-11 oc bracing.
WEBS 1 Row at midpt 9-23, 10-21, 11-21, 12-19

REACTIONS (lb/size) 2=621/0-3-8, 21=3262/0-3-14 (0-3-8 + bearing block), 14=465/0-3-8
Max Horz 2=186(load case 5)
Max Uplift2=-323(load case 5), 21=-993(load case 5), 14=-393(load case 6)
Max Grav 2=674(load case 9), 21=3262(load case 1), 14=696(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-863/292, 3-4=-1930/586, 4-5=-1893/651, 5-6=-267/216, 6-7=-127/239, 7-8=-148/239, 8-9=0/343, 9-10=-278/1357, 10-11=-259/1389, 11-12=-269/1245, 12-13=-186/803, 13-14=-762/445, 14-15=0/47
BOT CHORD 2-28=-244/718, 27-28=-273/924, 26-27=-270/651, 25-26=-141/268, 24-25=-283/230, 23-24=-759/465, 22-23=-1154/727, 21-22=-1154/727, 20-21=-1031/667, 19-20=-1031/667, 18-19=-702/355, 17-18=-702/355, 16-17=-374/599, 14-16=-369/604
WEBS 3-28=-668/212, 3-27=-370/1063, 4-27=-15/147, 5-27=-384/1263, 5-26=-588/321, 6-26=-39/496, 8-25=-294/726, 8-24=-654/469, 9-24=-485/1017, 9-23=-800/521, 10-23=-299/873, 10-21=-1650/530, 11-21=-1566/593, 11-19=-267/718, 12-19=-855/495, 12-17=-143/548, 13-17=-684/373, 13-16=0/235, 7-25=-656/130

NOTES
1) 2 X 4 SYP No.2 bearing block 12" long at jt. 21 attached to front face with 2 rows of 0.131"x3" Nails spaced 3" o.c. 8 Total fasteners. Bearing is assumed to be SYP.
2) Unbalanced roof live loads have been considered for this design.
3) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
4) Provide adequate drainage to prevent water ponding.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 323 lb uplift at joint 2, 993 lb uplift at joint 21 and 393 lb uplift at joint 14.
6) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061667

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T10	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:15:50 2006 Page 1

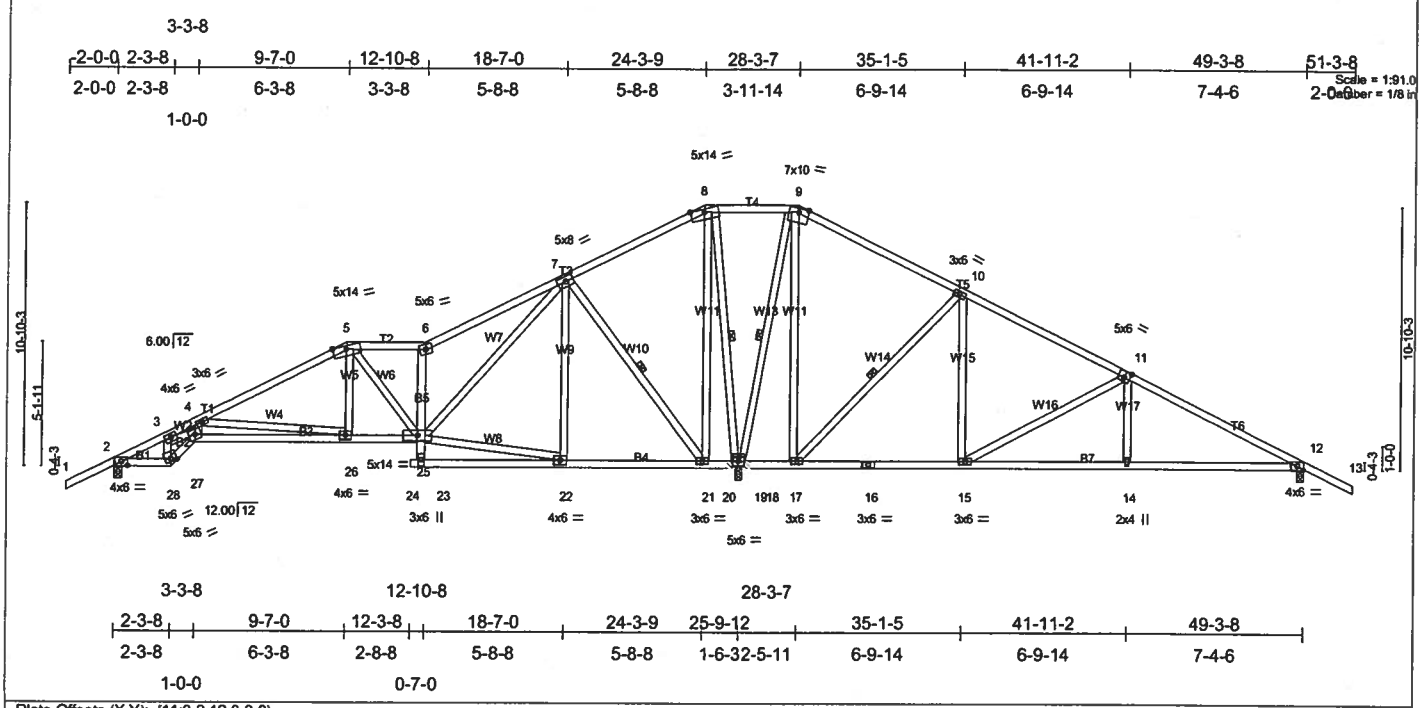


Plate Offsets (X,Y): [11:0-2-12,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.19	26-27	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.29	26-27	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.98	Horz(TL)	0.09	19	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 344 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B5 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-1 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-6, 8-9.
BOT CHORD Rigid ceiling directly applied or 5-5-3 oc bracing.
WEBS 1 Row at midpt 7-21, 8-19, 9-19, 10-17

REACTIONS (lb/size) 2=653/0-3-8, 19=3215/0-3-13 (0-3-8 + bearing block), 12=493/0-3-8
Max Horz 2=186(load case 5)
Max Uplift2=-314(load case 5), 19=-1007(load case 5), 12=-372(load case 6)
Max Grav 2=704(load case 9), 19=3215(load case 1), 12=722(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-927/239, 3-4=-2221/669, 4-5=-632/223, 5-6=-166/159, 6-7=-280/267, 7-8=-306/1318, 8-9=-275/1324, 9-10=-286/1184, 10-11=-204/746, 11-12=-820/389, 12-13=0/47
BOT CHORD 2-28=-213/761, 27-28=-231/952, 26-27=-685/1873, 25-26=-116/521, 23-25=0/91, 6-25=-289/257, 23-24=0/0, 22-23=0/52, 21-22=-558/447, 20-21=-1111/758, 19-20=-1111/758, 18-19=-977/702, 17-18=-977/702, 16-17=-651/371, 15-16=-651/371, 14-15=-325/650, 12-14=-320/655
WEBS 3-28=-629/173, 3-27=-510/1331, 4-27=-70/667, 4-26=-1376/575, 5-26=-49/374, 5-25=-618/244, 22-25=-602/402, 7-25=-432/958, 7-22=-43/312, 7-21=-933/521, 8-21=-287/708, 8-19=-1496/570, 9-19=-1520/602, 9-17=-269/711, 10-17=-856/496, 10-15=-144/547, 11-15=-682/373, 11-14=0/235

NOTES
1) 2 X 4 SYP No.2 bearing block 12" long at jt. 19 attached to front face with 2 rows of 0.131"x3" Nails spaced 3" o.c. 8 Total fasteners. Bearing is assumed to be SYP.
2) Unbalanced roof live loads have been considered for this design.
3) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
4) Provide adequate drainage to prevent water ponding.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 314 lb uplift at joint 2, 1007 lb uplift at joint 19 and 372 lb uplift at joint 12.
6) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061668

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T11	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:19:23 2006 Page 1

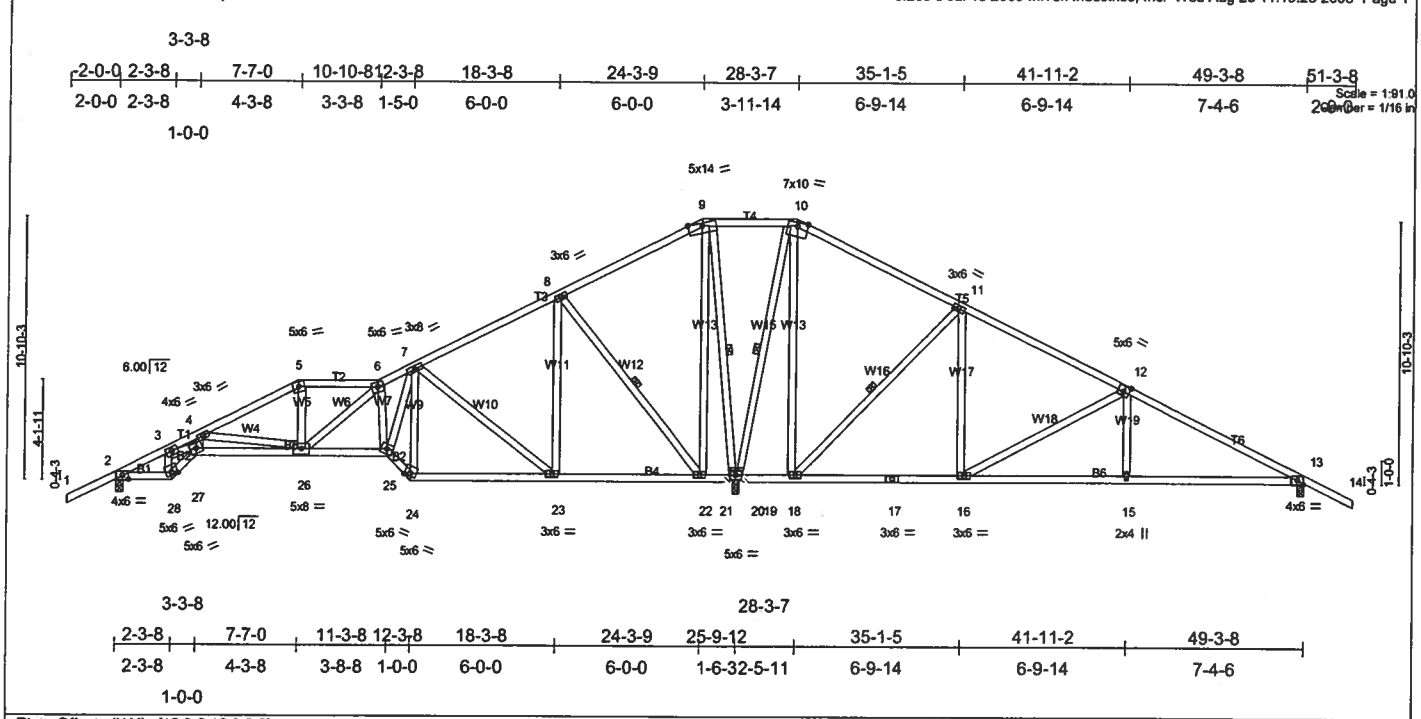


Plate Offsets (X,Y): [12:0-2-12,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	-0.13	26-27	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.19	26-27	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.81	Horz(TL)	0.07	20	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 337 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-9 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-6, 9-10.
BOT CHORD Rigid ceiling directly applied or 5-7-8 oc bracing.
WEBS 1 Row at midpt 8-22, 9-20, 10-20, 11-18

REACTIONS (lb/size) 2=676/0-3-8, 20=3145/0-3-11 (0-3-8 + bearing block), 13=526/0-3-8
Max Horz 2=186(load case 5)
Max Uplift2=-331(load case 5), 20=-975(load case 5), 13=-385(load case 6)
Max Grav 2=725(load case 9), 20=3145(load case 1), 13=744(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-989/286, 3-4=-2175/704, 4-5=-906/353, 5-6=-794/364, 6-7=-511/273, 7-8=-105/593, 8-9=-269/1243, 9-10=-237/1251, 10-11=-248/1111, 11-12=-200/680, 12-13=-867/346, 13-14=0/47
BOT CHORD 2-28=-253/819, 27-28=-293/999, 26-27=-673/1807, 25-26=-141/546, 24-25=-128/316, 23-24=-64/260, 22-23=-463/383, 21-22=-1040/713, 20-21=-1040/713, 19-20=-912/661, 18-19=-912/661, 17-18=-591/337, 16-17=-591/337, 15-16=-266/692, 13-15=-261/697
WEBS 3-28=-637/235, 3-27=-479/1205, 4-27=-136/651, 4-26=-1036/421, 5-26=0/119, 6-26=-155/398, 6-25=-464/196, 7-25=-229/717, 7-24=-106/203, 7-23=-772/409, 8-23=-222/684, 8-22=-933/528, 9-22=-287/713, 9-20=-1480/561, 10-20=-1485/577, 10-18=-270/712, 11-18=-856/496, 11-16=-143/546, 12-16=-681/372, 12-15=0/235

NOTES
1) 2 X 4 SYP No.2 bearing block 12" long at jt. 20 attached to front face with 2 rows of 0.131"x3" Nails spaced 3" o.c. 8 Total fasteners. Bearing is assumed to be SYP.
2) Unbalanced roof live loads have been considered for this design.
3) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
4) Provide adequate drainage to prevent water ponding.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 331 lb uplift at joint 2, 975 lb uplift at joint 20 and 385 lb uplift at joint 13.
6) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061669

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T12	ROOF TRUSS	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 13:26:56 2006 Page 1

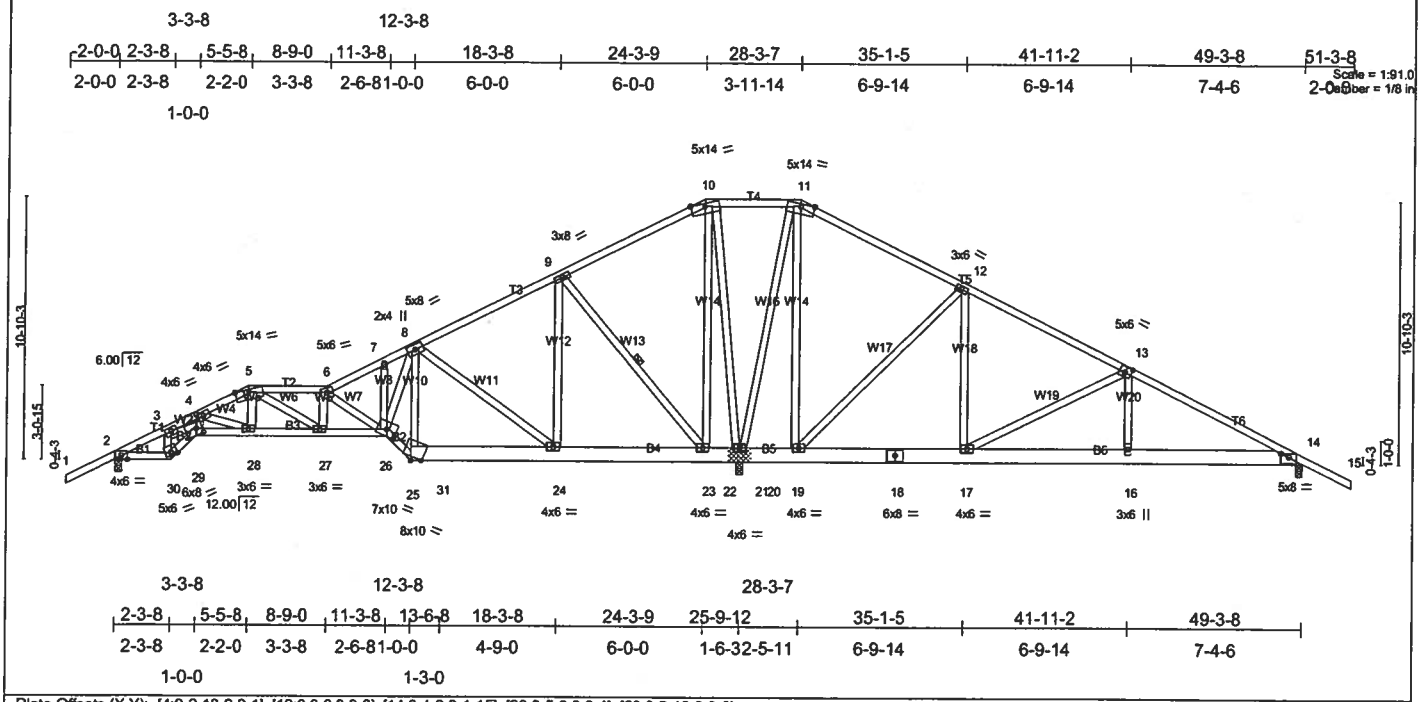


Plate Offsets (X,Y): [4:0-2-13,0-2-1], [13:0-3-0,0-3-0], [14:0-4-0,0-1-15], [26:0-5-0,0-3-4], [29:0-2-13,0-3-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	-0.17	26-27	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.27	26-27	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.89	Horz(TL)	0.10	21	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 793 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B4 2 X 8 SYP 2400F 2.0E, B6 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-2-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 9-23

REACTIONS (lb/size) 2=1496/0-3-8, 21=6847/0-4-1 (0-3-8 + bearing block), 14=-646/0-3-8
Max Horz 2=231(load case 4)
Max Uplift2=-623(load case 4), 21=-2403(load case 4), 14=-1155(load case 8)
Max Grav 2=1534(load case 8), 21=6847(load case 1), 14=465(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2689/856, 3-4=-5919/2126, 4-5=-3949/1417, 5-6=-3975/1408, 6-7=-2294/809, 7-8=-2193/835, 8-9=-578/1770, 9-10=-1298/3882, 10-11=-1204/3715, 11-12=-1288/3789, 12-13=-1195/3344, 13-14=-1174/2952, 14-15=0/54
BOT CHORD 2-30=-833/2295, 29-30=-983/2722, 28-29=-1884/4932, 27-28=-1378/3652, 26-27=-1446/3964, 25-26=-463/1287, 25-31=-418/1158, 24-31=-425/1177, 23-24=-1515/753, 22-23=-3405/1446, 21-22=-3405/1446, 20-21=-3325/1453, 19-20=-3325/1453, 18-19=-2973/1255, 17-18=-2973/1255, 16-17=-2632/1100, 14-16=-2626/1101
WEBS 3-30=-1716/685, 3-29=-1249/3176, 4-29=-528/1527, 4-28=-1440/564, 5-28=-315/956, 5-27=-182/371, 6-27=-49/186, 6-26=-2458/946, 7-26=-79/43, 8-26=-833/2307, 8-25=-571/1379, 8-24=-3259/1318, 9-24=-1029/2899, 9-23=-2967/1233, 10-23=-91/234, 10-21=-2208/831, 11-21=-1707/583, 11-19=-495/285, 12-19=-907/452, 12-17=-137/596, 13-17=-696/334, 13-16=0/271

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 8 - 2 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) 2 X 8 SYP 2400F 2.0E bearing block 12" long at jt. 21 attached to each face with 4 rows of 0.131"x3" Nails spaced 3" o.c. 16 Total fasteners per block. Bearing is assumed to be SYP.
4) Unbalanced roof live loads have been considered for this design.
5) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
6) Provide adequate drainage to prevent water ponding.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 623 lb uplift at joint 2, 2403 lb uplift at joint 21 and 1155 lb uplift at joint 14.
8) Girder carries tie-in span(s): 5-6-1 from 5-5-8 to 11-3-8; 6-1-8 from 5-5-8 to 11-3-8
9) Uplift for first LC exceeds limits
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 212 lb down and 80 lb up at 5-5-8 on top chord, and 2149 lb down and 811 lb up at 13-6-8, and 158 lb down and 60 lb up at 5-5-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Continued on page 2

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T12	ROOF TRUSS	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 13:26:56 2006 Page 2

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-5=-54, 5-6=-122(F=-68), 6-7=-122(F=-68), 7-10=-54, 10-11=-54, 11-15=-54, 2-30=-30, 29-30=-30, 28-29=-30, 26-28=-111(F=-81), 25-26=-30, 14-25=-30

Concentrated Loads (lb)

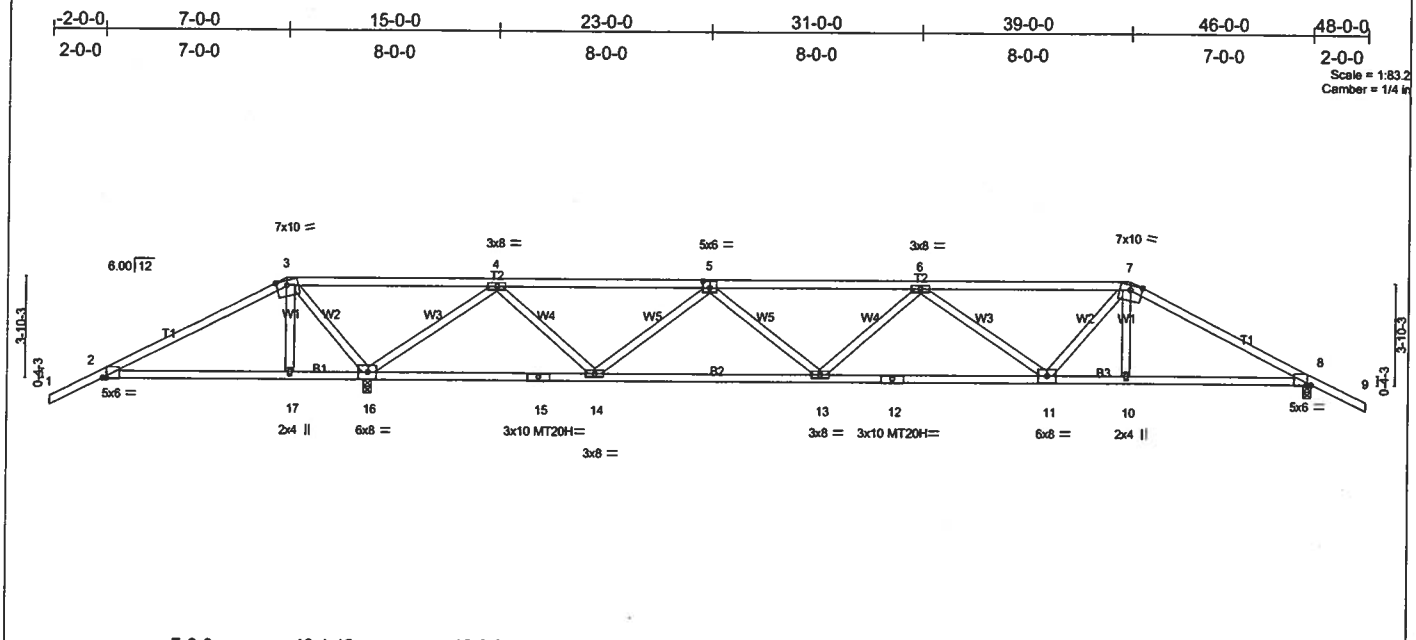
Vert: 5=-212(F) 28=-158(F) 31=-2149(F)

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061671

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
TEMP	T13	ROOF TRUSS	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:23:30 2006 Page 1



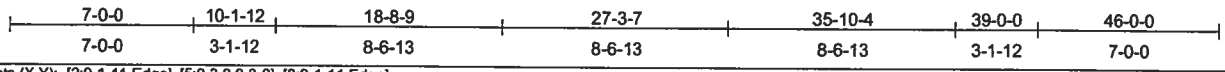


Plate Offsets (X,Y): [2:0-1-11,Edge], [5:0-3-0,0-3-0], [8:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.75	Vert(LL)	-0.44	11-13	>972	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	1.00	Vert(TL)	-0.71	11-13	>607	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	NO	WB	0.85	Horz(TL)	0.16	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 434 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 16=5320/0-3-8, 8=2988/0-3-8
Max Horz 16=87(load case 4)
Max Uplift16=-2471(load case 4), 8=-1276(load case 5)
Max Grav 16=5320(load case 1), 8=3065(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-632/869, 3-4=-1465/2145, 4-5=-5049/2176, 5-6=-7663/3308, 6-7=-6468/2742, 7-8=-5929/2542, 8-9=0/47
BOT CHORD 2-17=-673/681, 16-17=-646/664, 15-16=-1342/2850, 14-15=-1342/2850, 13-14=-3108/6907, 12-13=-3453/7720, 11-12=-3453/7720, 10-11=-2201/5255, 8-10=-2192/5229
WEBS 3-17=-407/650, 3-16=-2258/1547, 4-16=-5355/2663, 4-14=-1098/3161, 5-14=-2540/1376, 5-13=-293/1101, 6-13=-188/437, 6-11=-1552/1011, 7-11=-706/1827, 7-10=-242/648

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2471 lb uplift at joint 16 and 1276 lb uplift at joint 8.
8) Girder carries hip end with 7-0-0 end setback.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 39-0-0, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

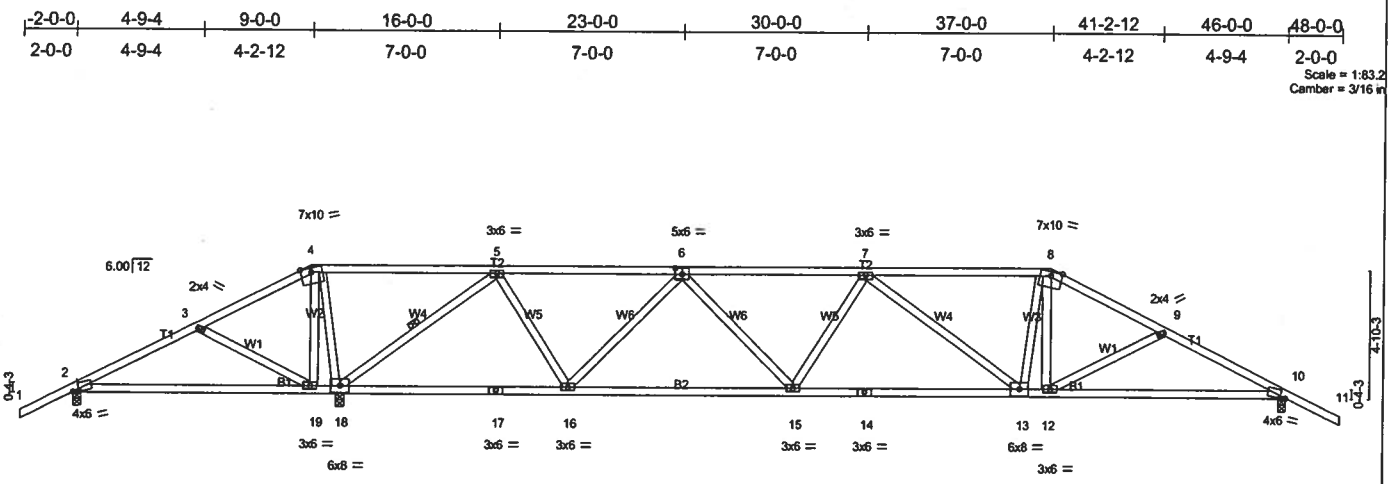
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-7=-118(F=-64), 7-9=-54, 2-17=-30, 10-17=-65(F=-35), 8-10=-30
Concentrated Loads (lb)
Vert: 17=-539(F) 10=-539(F)

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061672

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T14	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:24:33 2006 Page 1



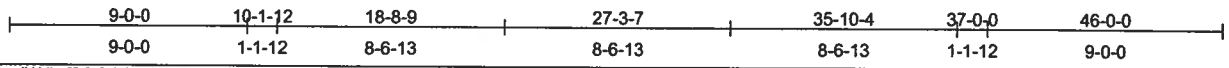


Plate Offsets (X,Y): [2:0-2-9,0-0-11], [6:0-3-0,0-3-0], [10:0-2-9,0-0-11]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	0.21	2-19	>558	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.66	Vert(TL)	0.16	2-19	>732	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.81	Horz(TL)	0.07	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 242 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-9-7 oc bracing.
WEBS 1 Row at midpt 5-18

REACTIONS (lb/size) 2=-234/0-3-8, 18=2904/0-3-8, 10=1402/0-3-8
Max Horz 2=101(load case 5)
Max Uplift2=-499(load case 10), 18=-1066(load case 4), 10=-502(load case 6)
Max Grav 2=59(load case 3), 18=2904(load case 1), 10=1410(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-432/1439, 3-4=-441/1583, 4-5=-542/1668, 5-6=-908/430, 6-7=-2086/893, 7-8=-1920/844, 8-9=-2097/848, 9-10=-2319/943, 10-11=0/47
BOT CHORD 2-19=-1247/475, 18-19=-1352/615, 17-18=-92/274, 16-17=-92/274, 15-16=-557/1671, 14-15=-711/2193, 13-14=-711/2193, 12-13=-506/1843, 10-12=-675/2021
WEBS 3-19=-309/296, 4-19=-543/285, 4-18=-1321/992, 5-18=-2391/986, 5-16=-378/1250, 6-16=-1126/522, 6-15=-153/616, 7-15=-217/190, 7-13=-430/268, 8-13=-156/363, 8-12=-26/292, 9-12=-211/191

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 499 lb uplift at joint 2, 1066 lb uplift at joint 18 and 502 lb uplift at joint 10.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061673

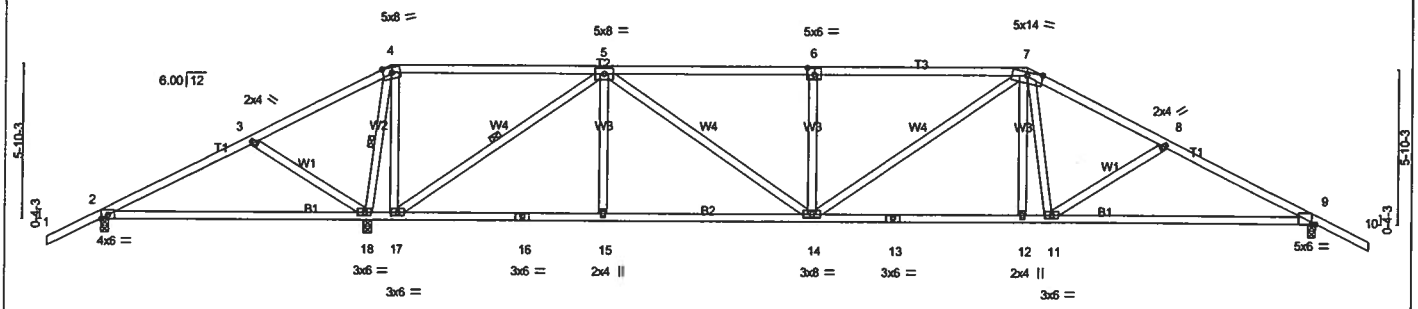
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T15	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:26:08 2006 Page 1

-2-0-0 | 5-9-4 | 11-0-0 | 19-0-9 | 26-11-7 | 35-0-0 | 40-2-12 | 46-0-0 | 48-0-0

2-0-0 | 5-9-4 | 5-2-12 | 8-0-9 | 7-10-13 | 8-0-9 | 5-2-12 | 5-9-4 | 2-0-0

Scale = 1:83.2
Camber = 3/16 in



10-0-6 | 11-0-0 | 19-0-9 | 26-11-7 | 35-0-0 | 35-11-10 | 46-0-0

10-0-6 | 0-11-10 | 8-0-9 | 7-10-13 | 8-0-9 | 0-11-10 | 10-0-6

Plate Offsets (X,Y): [6:0-3-0,0-3-0], [9:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	0.29	2-18	>404	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	0.23	2-18	>517	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.97	Horz(TL)	0.07	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 251 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-7-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-11-1 oc bracing.
WEBS 1 Row at midpt 4-18, 5-17

REACTIONS (lb/size) 2=-42/0-3-8, 18=2651/0-3-8, 9=1462/0-3-8
Max Horz 2=-115(load case 6)
Max Uplift2=-303(load case 10), 18=-933(load case 4), 9=-528(load case 6)
Max Grav 2=12(load case 9), 18=2651(load case 1), 9=1470(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-309/1059, 3-4=-394/1259, 4-5=-168/670, 5-6=-1961/875, 6-7=-1965/878, 7-8=-2151/871, 8-9=-2411/980, 9-10=0/47
BOT CHORD 2-18=-913/384, 17-18=-701/532, 16-17=-326/1165, 15-16=-326/1165, 14-15=-326/1165, 13-14=-474/1798, 12-13=-474/1798, 11-12=-473/1797, 9-11=-700/2101
WEBS 3-18=-335/344, 4-18=-2108/596, 4-17=-219/1179, 5-17=-2192/876, 5-15=0/250, 5-14=-398/991, 6-14=-448/311, 7-14=-196/339, 7-12=-19/32, 7-11=-62/431, 8-11=-275/258

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 303 lb uplift at joint 2, 933 lb uplift at joint 18 and 528 lb uplift at joint 9.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

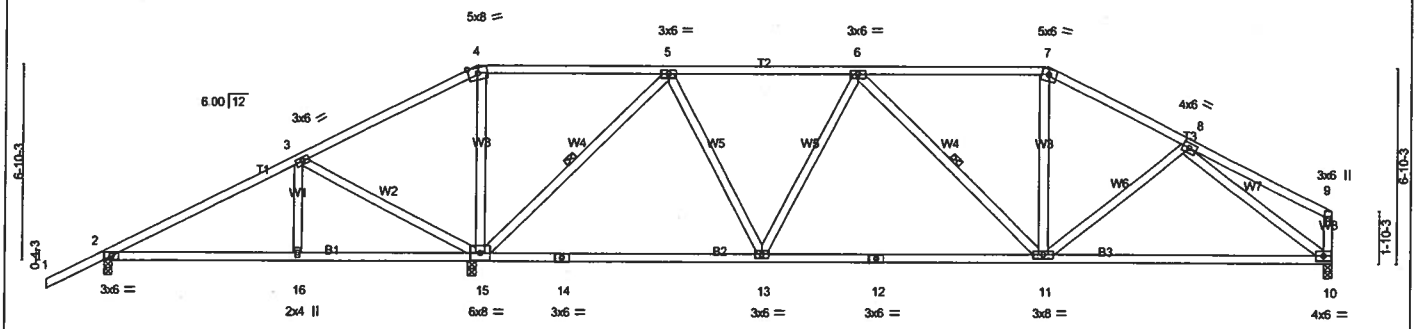
Dwg.#0823061674

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T16	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:28:52 2006 Page 1

-2-0-0	6-9-4	13-0-0	19-8-0	26-4-0	33-0-0	37-10-4	43-0-0
2-0-0	6-9-4	6-2-12	6-8-0	6-8-0	6-8-0	4-10-4	5-1-12

Scale = 1:76.8
Camber = 1/8 in



6-9-4	13-0-0	23-0-0	33-0-0	43-0-0
6-9-4	6-2-12	10-0-0	10-0-0	10-0-0

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.78	Vert(LL)	-0.16	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.28	13-15	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.79	Horz(TL)	0.04	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 237 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-15, 6-11

REACTIONS (lb/size) 2=310/0-3-8, 15=2303/0-3-8, 10=1090/0-3-8
Max Horz 2=206(load case 5)
Max Uplift2=-341(load case 5), 15=-878(load case 4), 10=-318(load case 6)
Max Grav 2=339(load case 9), 15=2303(load case 1), 10=1113(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-43/348, 3-4=-369/799, 4-5=-252/663, 5-6=-869/346, 6-7=-1117/532, 7-8=-1296/532, 8-9=-317/112, 9-10=-256/145
BOT CHORD 2-16=-286/100, 15-16=-286/100, 14-15=-119/509, 13-14=-119/509, 12-13=-302/1074, 11-12=-302/1074, 10-11=-399/1078
WEBS 3-16=-264/195, 3-15=-614/694, 4-15=-667/418, 5-15=-1544/682, 5-13=-257/821, 6-13=-482/334, 6-11=-65/98, 7-11=-0/229, 8-11=-41/166, 8-10=-1108/478

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 341 lb uplift at joint 2, 878 lb uplift at joint 15 and 318 lb uplift at joint 10.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

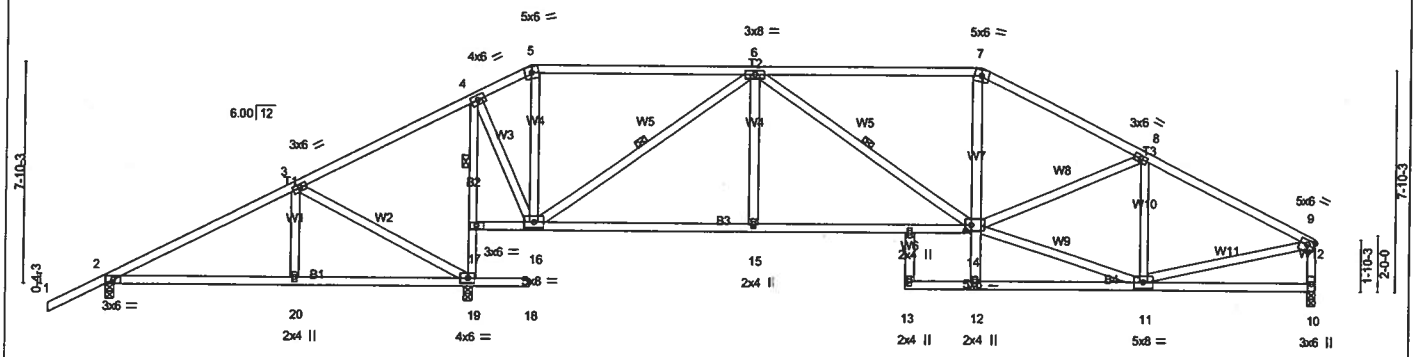
Dwg.#0823061675

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
TEMP	T17	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:42:48 2006 Page 1

-2-0-0	6-8-6	12-10-4	15-0-0	23-0-0	31-0-0	36-10-4	43-0-0
2-0-0	6-8-6	6-1-14	2-1-12	8-0-0	8-0-0	5-10-4	6-1-12

Scale = 1:77.9
Camber = 1/8 in



6-8-6	12-10-4	15-0-0	23-0-0	28-5-0	31-0-0	36-10-4	43-0-0
6-8-6	6-1-14	2-1-12	8-0-0	5-5-0	2-7-0	5-10-4	6-1-12

Plate Offsets (X,Y): [9:0-2-12,0-2-0], [14:0-2-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	-0.19	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.32	14-15	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.63	Horz(TL)	0.05	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 265 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-1-10 oc bracing. Except:
1 Row at midpt 4-17
WEBS 1 Row at midpt 6-16, 6-14
JOINTS 1 Brace at Jt(s): 17

REACTIONS (lb/size) 2=608/0-3-8, 10=1269/0-3-8, 19=1955/0-3-8
Max Horz 2=220(load case 5)
Max Uplift2=-476(load case 5), 10=-400(load case 6), 19=-643(load case 5)
Max Grav 2=614(load case 9), 10=1273(load case 10), 19=1955(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-633/661, 3-4=-7/203, 4-5=-438/391, 5-6=-418/385, 6-7=-1714/831, 7-8=-1950/848, 8-9=-1610/678, 9-10=-1177/538
BOT CHORD 2-20=-575/496, 19-20=-575/496, 18-19=0/0, 17-19=-1510/540, 4-17=-1481/510, 16-17=-115/46, 15-16=-497/1579, 14-15=-497/1579, 12-13=0/0, 11-12=-2/23, 10-11=-93/169
WEBS 3-20=-253/228, 3-19=-649/677, 4-16=-316/1209, 5-16=-133/128, 6-16=-1430/508, 6-15=0/271, 6-14=-64/172, 11-14=-547/1419, 8-14=-142/404, 8-11=-591/329, 9-11=-444/1247, 12-14=0/167, 7-14=-98/466

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 476 lb uplift at joint 2, 400 lb uplift at joint 10 and 643 lb uplift at joint 19.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061676

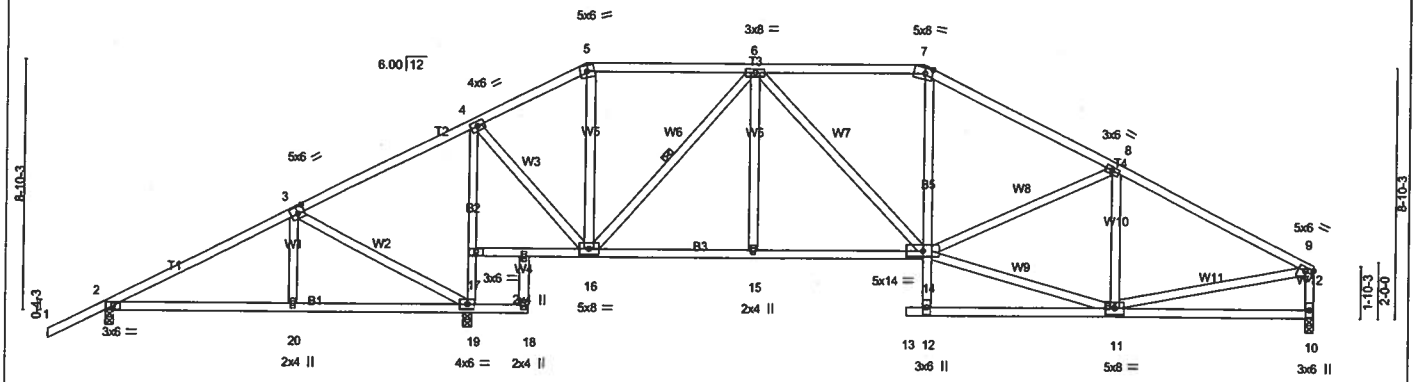
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T18	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:47:34 2006 Page 1

-2-0-0 | 6-8-6 | 12-10-4 | 17-0-0 | 23-0-0 | 29-0-0 | 35-10-4 | 43-0-0

2-0-0 | 6-8-6 | 6-1-14 | 4-1-12 | 6-0-0 | 6-0-0 | 6-10-4 | 7-1-12

Scale = 1:77.9
Camber = 1/16 in



6-8-6 | 12-10-4 | 15-0-0 | 17-0-0 | 23-0-0 | 28-5-0 | 29-0-0 | 35-10-4 | 43-0-0

6-8-6 | 6-1-14 | 2-1-12 | 2-0-0 | 6-0-0 | 5-5-0 | 0-7-0 | 6-10-4 | 7-1-12

Plate Offsets (X,Y): [3:0-3-0,0-3-0], [7:0-3-3,Edge], [9:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.71	Vert(LL)	-0.11	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.97	Vert(TL)	-0.18	14-15	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.57	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code	FBC2004/TPI2002	(Matrix)							Weight: 272 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3, B5 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-16

REACTIONS (lb/size) 2=615/0-3-8, 10=1246/0-3-8, 19=1925/0-3-8
Max Horz 2=234(load case 5)
Max Uplift2=-474(load case 5), 10=-422(load case 6), 19=-671(load case 5)
Max Grav 2=620(load case 9), 10=1246(load case 1), 19=1925(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-643/673, 3-4=-13/230, 4-5=-755/511, 5-6=-635/501, 6-7=-1442/795, 7-8=-1701/817, 8-9=-1612/716, 9-10=-1136/554
BOT CHORD 2-20=-584/504, 19-20=-578/499, 18-19=0/0, 17-19=-1478/542, 4-17=-1408/543, 16-17=-92/26, 15-16=-381/1268, 14-15=-381/1268, 12-14=0/122, 7-14=-98/375, 12-13=0/0, 11-12=-9/47, 10-11=-120/212
WEBS 3-20=-253/228, 3-19=-639/666, 4-16=-256/1075, 5-16=-50/102, 6-16=-961/349, 6-15=0/201, 6-14=-101/258, 11-14=-557/1377, 8-14=-80/186, 8-11=-457/311, 9-11=-433/1184

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 474 lb uplift at joint 2, 422 lb uplift at joint 10 and 671 lb uplift at joint 19.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

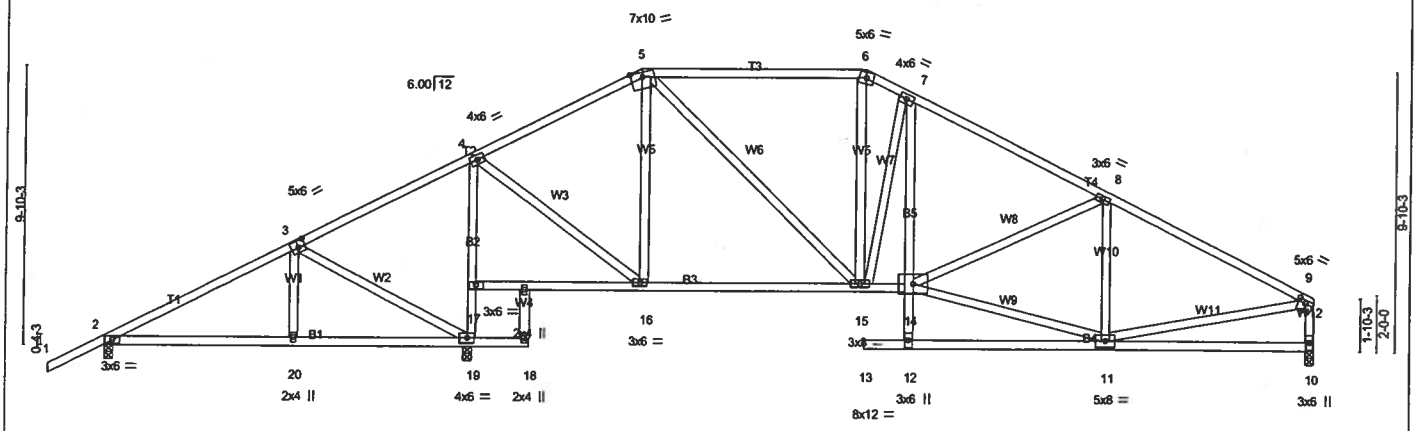
Dwg.#0823061677

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
TEMP	T19	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:51:56 2006 Page 1

-2-0-0 | 6-8-6 | 12-10-4 | 19-0-0 | 27-0-0 | 28-5-0 | 35-6-12 | 43-0-0
2-0-0 | 6-8-6 | 6-1-14 | 6-1-12 | 8-0-0 | 1-5-0 | 7-1-12 | 7-5-4

Scale = 1:77.9
Camber = 1/16 in



6-8-6 | 12-10-4 | 15-0-0 | 19-0-0 | 27-0-0 | 28-5-0 | 35-6-12 | 43-0-0
6-8-6 | 6-1-14 | 2-1-12 | 4-0-0 | 8-0-0 | 1-5-0 | 7-1-12 | 7-5-4

Plate Offsets (X,Y): [3:0-3-0,0-3-0], [9:0-3-0,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.77	Vert(LL)	-0.12	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.85	Vert(TL)	-0.19	15-16	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 281 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3, B5 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 14

REACTIONS (lb/size) 2=618/0-3-8, 10=1259/0-3-8, 19=1933/0-3-8
Max Horz 2=248(load case 5)
Max Uplift2=-471(load case 5), 10=-435(load case 6), 19=-692(load case 5)
Max Grav 2=623(load case 9), 10=1259(load case 1), 19=1933(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-648/683, 3-4=-22/255, 4-5=-978/583, 5-6=-1287/747, 6-7=-1402/794, 7-8=-1669/810, 8-9=-1639/727, 9-10=-1144/560
BOT CHORD 2-20=-593/508, 19-20=-587/503, 18-19=0/0, 17-19=-1487/543, 4-17=-1399/554, 16-17=-68/12, 15-16=-183/808, 14-15=-422/1399, 12-14=0/155, 7-14=-172/403, 12-13=0/0, 11-12=-10/99, 10-11=-130/229
WEBS 3-20=-252/226, 3-19=-633/659, 4-16=-234/1099, 5-16=-445/190, 5-15=-222/704, 6-15=-148/276, 7-15=-467/319, 11-14=-560/1343, 8-14=-41/146, 8-11=-424/304, 9-11=-428/1187

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 471 lb uplift at joint 2, 435 lb uplift at joint 10 and 692 lb uplift at joint 19.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

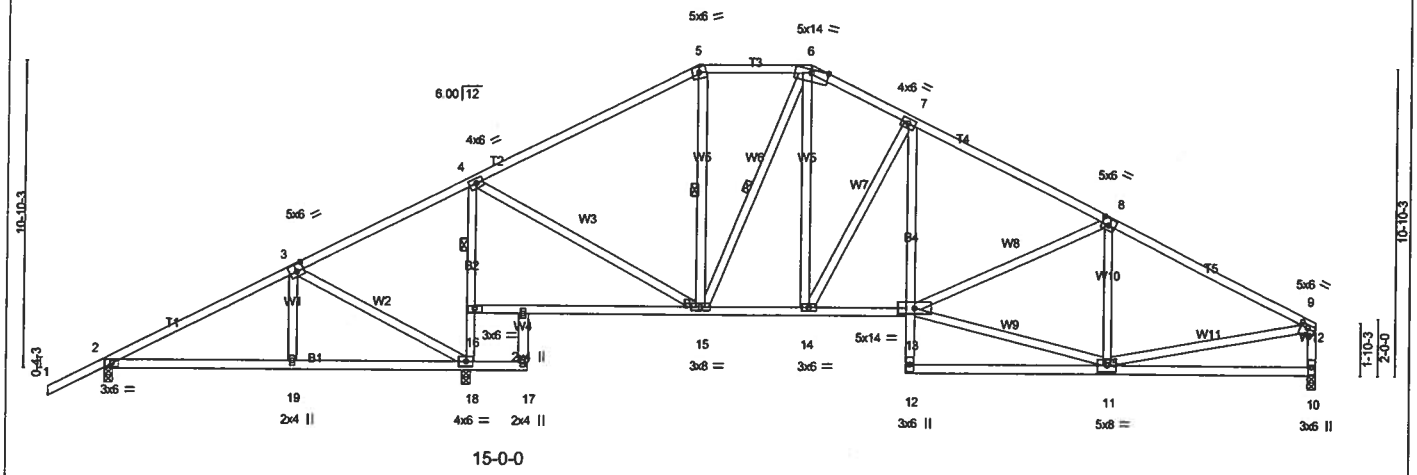
Dwg.#0823061678

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T20	ROOF TRUSS	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 11:58:53 2006 Page 1

-2-0-0	6-8-6	13-0-0	21-0-0	25-0-0	28-5-0	35-6-12	43-0-0
2-0-0	6-8-6	6-3-10	8-0-0	4-0-0	3-5-0	7-1-12	7-5-4

Scale = 1:77.9
Camber = 1/16 in



6-8-6	12-10-4	13-0-0	21-0-0	25-0-0	28-5-0	35-6-12	43-0-0
6-8-6	6-1-14	0-1-12	6-0-0	4-0-0	3-5-0	7-1-12	7-5-4
		2-0-0					

15-0-0

Plate Offsets (X,Y): [3:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.75	Vert(LL)	-0.11	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.19	11-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.77	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 284 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3, B4 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-2 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 4-16
WEBS 1 Row at midpt 5-15, 6-15

REACTIONS (lb/size) 2=606/0-3-8, 10=1230/0-3-8, 18=1927/0-3-8
Max Horz 2=262(load case 5)
Max Uplift2=-468(load case 5), 10=-451(load case 6), 18=-717(load case 5)
Max Grav 2=612(load case 9), 10=1230(load case 1), 18=1927(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-620/690, 3-4=-15/282, 4-5=-1046/631, 5-6=-846/649, 6-7=-1173/749, 7-8=-1608/839, 8-9=-1597/745, 9-10=-1117/571
BOT CHORD 2-19=-598/483, 18-19=-594/479, 17-18=0/0, 16-18=-1488/559, 4-16=-1357/580, 15-16=-63/0, 14-15=-245/1008, 13-14=-452/1353, 12-13=0/104, 7-13=-174/518, 11-12=-7/76, 10-11=-127/224
WEBS 3-19=-252/227, 3-18=-622/645, 4-15=-177/1023, 5-15=-46/195, 6-15=-484/140, 6-14=-385/744, 7-14=-743/445, 11-13=-578/1322, 8-13=-21/128, 8-11=-407/315, 9-11=-449/1155

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 468 lb uplift at joint 2, 451 lb uplift at joint 10 and 717 lb uplift at joint 18.
5) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061679

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T22	ROOF TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:12:39 2006 Page 1

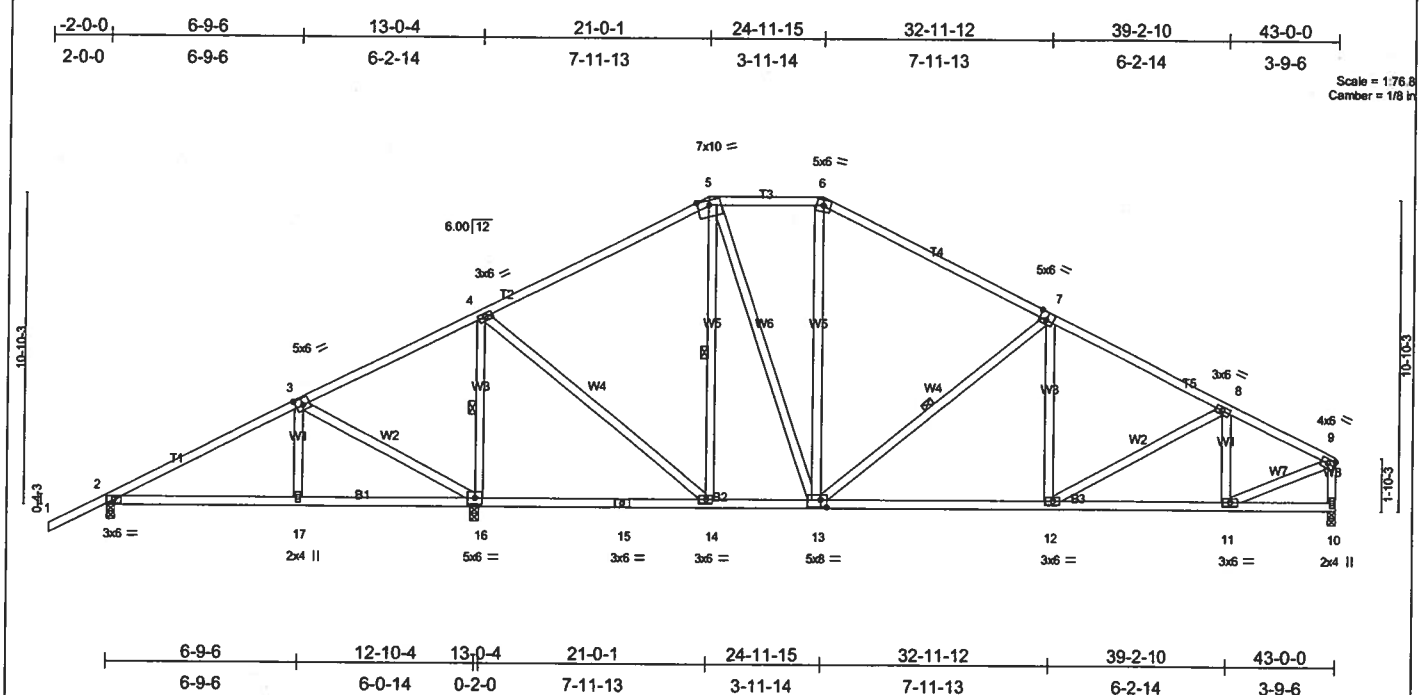


Plate Offsets (X,Y): [3:0-3-0,0-3-0], [7:0-3-0,0-3-4], [13:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.14	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.24	12-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.78	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 271 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-10-14 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 14-16
9-5-12 oc bracing: 11-12.
WEBS 1 Row at midpt 4-16, 5-14, 7-13

REACTIONS (lb/size) 2=508/0-3-8, 16=2010/0-3-8, 10=1185/0-3-8
Max Horz 2=262(load case 5)
Max Uplift2=-365(load case 5), 16=-878(load case 5), 10=-390(load case 6)
Max Grav 2=530(load case 9), 16=2010(load case 1), 10=1185(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-427/300, 3-4=-181/356, 4-5=-761/412, 5-6=-759/536, 6-7=-948/507, 7-8=-1433/633, 8-9=-1307/542, 9-10=-1130/483
BOT CHORD 2-17=-252/309, 16-17=-248/305, 15-16=-248/319, 14-15=-248/319, 13-14=-20/585, 12-13=-394/1222, 11-12=-441/1135, 10-11=-27/55
WEBS 3-17=-260/202, 3-16=-585/646, 4-16=-1496/828, 4-14=-408/1078, 5-14=-501/306, 5-13=-254/582, 6-13=-21/147, 7-13=-600/404, 7-12=0/198, 8-12=-0/102, 8-11=-349/219, 9-11=-453/1181

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 365 lb uplift at joint 2, 878 lb uplift at joint 16 and 390 lb uplift at joint 10.
5) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

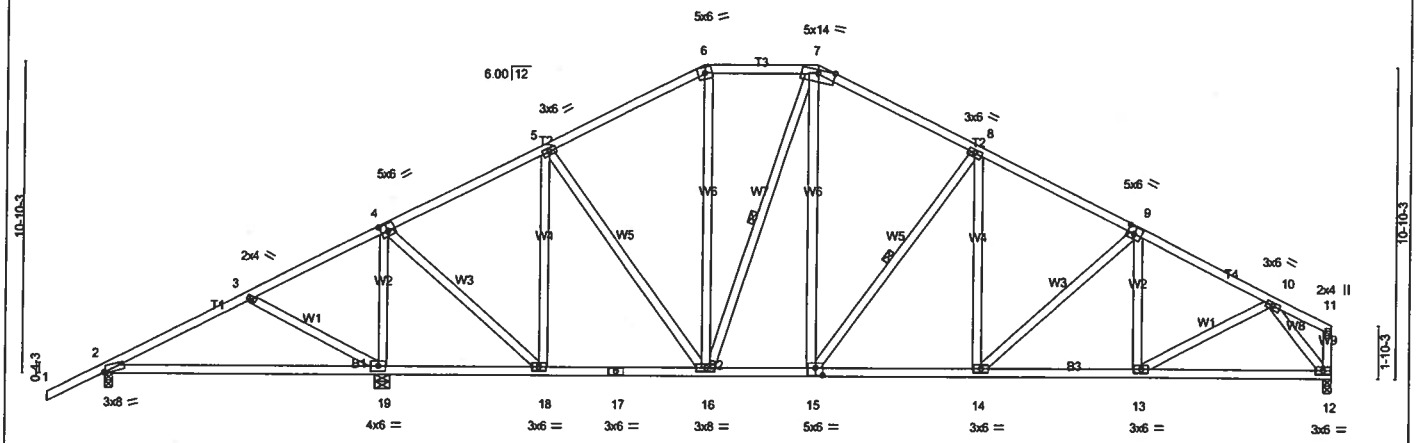
Dwg.#0823061680

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T23	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:20:15 2006 Page 1

-2-0-0	5-2-1	9-9-10	15-4-13	21-0-1	24-11-15	30-7-3	36-2-6	40-9-15	43-0-0
2-0-0	5-2-1	4-7-9	5-7-4	5-7-4	3-11-14	5-7-4	5-7-4	4-7-9	2-2-1

Scale = 1:76.8
Camber = 1/8 in



9-9-10	15-4-13	21-0-1	24-11-15	30-7-3	36-2-6	43-0-0
9-9-10	5-7-4	5-7-4	3-11-14	5-7-4	5-7-4	6-9-10

Plate Offsets (X,Y): [2:0-0-10,Edge], [4:0-3-0,0-3-0], [9:0-3-0,0-3-0], [15:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	0.34	2-19	>342	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.28	2-19	>409	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.05	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 292 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-16, 8-15

REACTIONS (lb/size) 2=353/0-3-8, 19=2015/0-6-7, 12=1335/0-3-8
Max Horz 2=262(load case 5)
Max Uplift2=-281(load case 5), 19=-824(load case 5), 12=-436(load case 6)
Max Grav 2=390(load case 9), 19=2015(load case 1), 12=1335(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-118/160, 3-4=-182/379, 4-5=-816/398, 5-6=-1061/615, 6-7=-888/609, 7-8=-1188/674, 8-9=-1550/754, 9-10=-1689/742, 10-11=-129/9, 11-12=-94/13
BOT CHORD 2-19=-127/77, 18-19=-263/241, 17-18=-121/672, 16-17=-121/672, 15-16=-209/1006, 14-15=-426/1329, 13-14=-553/1465, 12-13=-408/931
WEBS 3-19=-336/342, 4-19=-1594/770, 4-18=-470/1259, 5-18=-707/410, 5-16=-83/396, 6-16=-99/243, 7-16=-434/180, 7-15=-261/582, 8-15=-563/369, 8-14=-83/311, 9-14=-204/171, 9-13=-100/116, 10-13=-161/602, 10-12=-1412/699

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 281 lb uplift at joint 2, 824 lb uplift at joint 19 and 436 lb uplift at joint 12.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

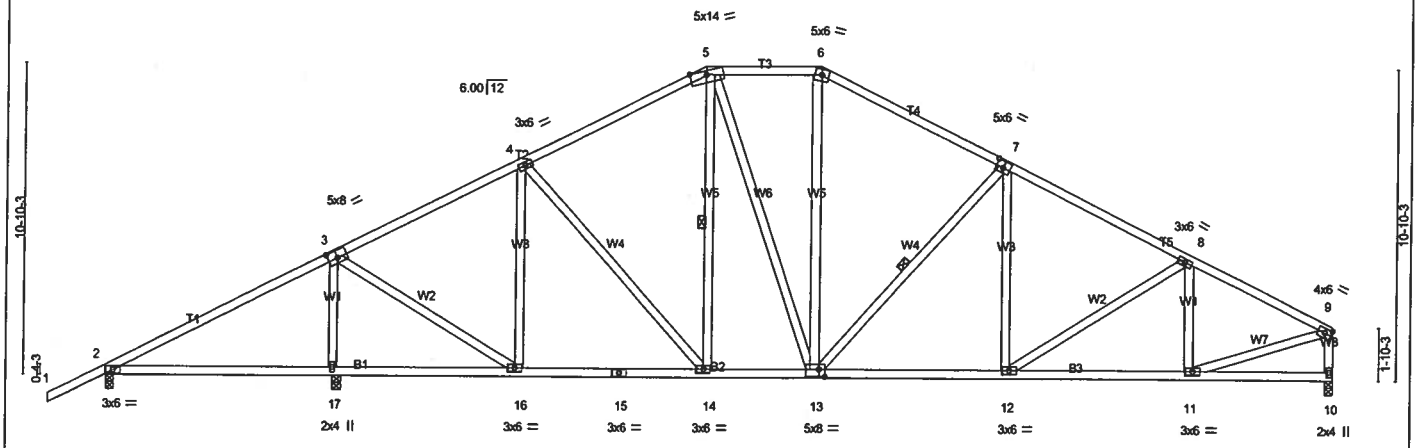
Dwg.#0823061681

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T24	ROOF TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:08:46 2006 Page 1

-2-0-0	8-0-0	14-6-0	21-0-1	24-11-15	31-6-0	38-0-0	43-0-0
2-0-0	8-0-0	6-6-0	6-6-0	3-11-14	6-6-0	6-6-0	5-0-0

Scale = 1:76.8
Camber = 1/16 in



8-0-0	8-1-12	14-6-0	21-0-1	24-11-15	31-6-0	38-0-0	43-0-0
8-0-0	0-1-12	6-4-4	6-6-0	3-11-14	6-6-0	6-6-0	5-0-0

Plate Offsets (X,Y): [3:0-4-0,0-3-0], [7:0-3-0,0-3-0], [13:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	0.24	2-17	>401	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.20	2-17	>481	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.54	Horz(TL)	0.04	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 276 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-1 oc purlins, except end verticals, and 2-0-0 oc purlins (5-6-13 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-14, 7-13

REACTIONS (lb/size) 2=271/0-3-8, 17=2011/0-3-8, 10=1421/0-3-8
Max Horz 2=262(load case 5)
Max Uplift2=-246(load case 5), 17=-780(load case 5), 10=-464(load case 6)
Max Grav 2=309(load case 9), 17=2011(load case 1), 10=1421(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-188/392, 3-4=-1126/542, 4-5=-1271/711, 5-6=-1152/742, 6-7=-1367/756, 7-8=-1767/835, 8-9=-1746/758, 9-10=-1347/611
BOT CHORD 2-17=-255/163, 16-17=-220/153, 15-16=-260/930, 14-15=-260/930, 13-14=-250/1065, 12-13=-532/1512, 11-12=-616/1514, 10-11=-52/99
WEBS 3-17=-1752/887, 3-16=-465/1363, 4-16=-550/331, 4-14=-57/281, 5-14=-51/94, 5-13=-151/378, 6-13=-138/312, 7-13=-561/369, 7-12=-21/234, 8-12=-39/115, 8-11=-310/230, 9-11=-593/1491

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 246 lb uplift at joint 2, 780 lb uplift at joint 17 and 464 lb uplift at joint 10.
5) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

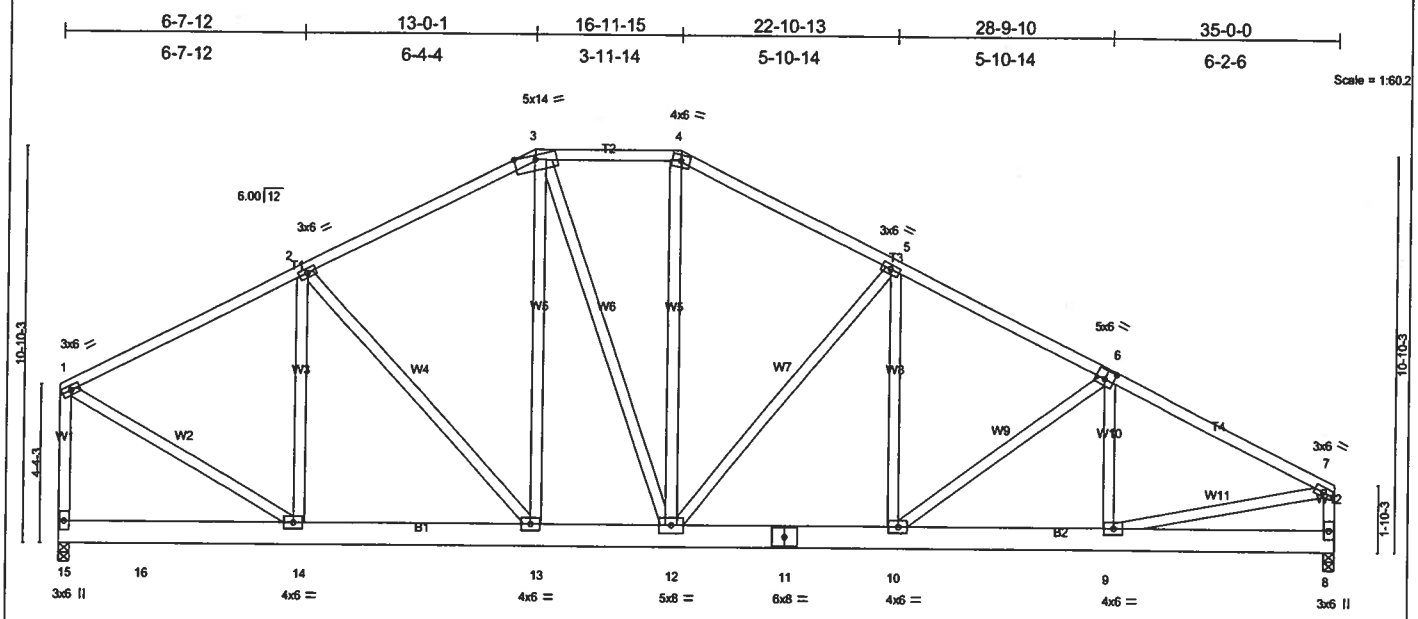
LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061682

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T25	ROOF TRUSS	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:26:34 2006 Page 1



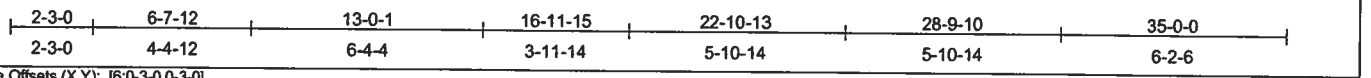


Plate Offsets (X,Y): [6:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.70	Vert(LL)	-0.06	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.10	14-15	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.30	Horz(TL)	0.01	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 603 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 15=3476/0-3-8, 8=1588/0-3-8
Max Horz 15=-206(load case 5)
Max Uplift15=-1204(load case 4), 8=-515(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2026/685, 2-3=-1642/622, 3-4=-1462/640, 4-5=-1703/653, 5-6=-2051/721, 6-7=-2108/682, 1-15=-2020/695, 7-8=-1456/507
BOT CHORD 15-16=-114/146, 14-16=-114/146, 13-14=-541/1741, 12-13=-313/1399, 11-12=-427/1773, 10-11=-427/1773, 9-10=-533/1821, 8-9=-146/254
WEBS 2-14=-129/361, 2-13=-611/343, 3-13=-121/312, 3-12=-133/300, 4-12=-173/475, 5-12=-520/318, 5-10=-47/242, 6-10=-94/134, 6-9=-255/161, 1-14=-556/1872, 7-9=-394/1607

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1204 lb uplift at joint 15 and 515 lb uplift at joint 8.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2149 lb down and 811 lb up at 2-3-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-54, 4-7=-54, 8-15=-30
Concentrated Loads (lb)
Vert: 16=-2149(F)

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061683

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T26	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:27:05 2006 Page 1

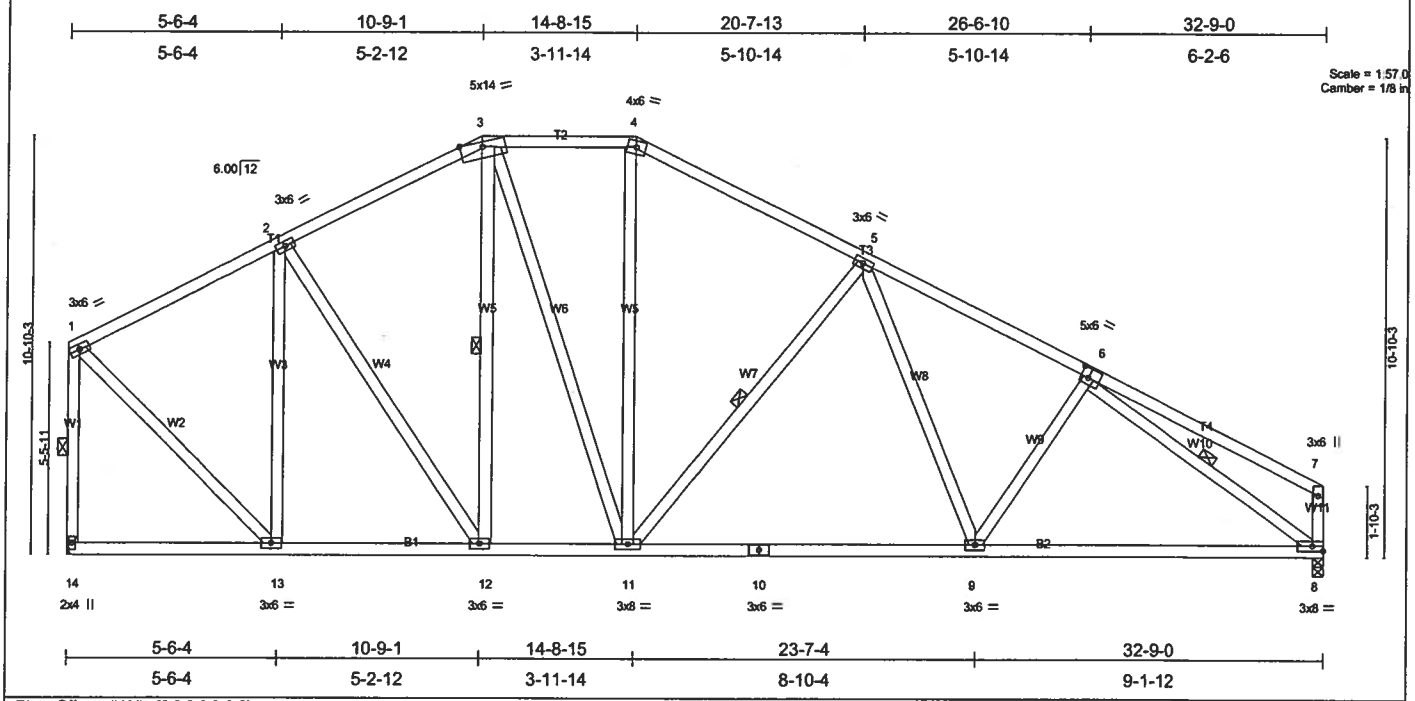


Plate Offsets (X,Y): [6:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.66	Vert(LL)	-0.18	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.30	9-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.64	Horz(TL)	0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 239 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-3-0 oc bracing.
WEBS 1 Row at midpt 3-12, 5-11, 1-14, 6-8

REACTIONS (lb/size) 14=1363/Mechanical, 8=1363/0-3-8
Max Horz 14=-242(load case 6)
Max Uplift14=-406(load case 5), 8=-433(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-954/455, 2-3=-1115/637, 3-4=-1060/676, 4-5=-1257/687, 5-6=-1715/811, 6-7=-333/182, 1-14=-1286/611, 7-8=-283/200
BOT CHORD 13-14=-35/233, 12-13=-169/800, 11-12=-166/934, 10-11=-454/1368, 9-10=-454/1368, 8-9=-585/1462
WEBS 2-13=-578/356, 2-12=-87/302, 3-12=-156/90, 3-11=-188/456, 4-11=-99/262, 5-11=-512/375, 5-9=-96/304, 6-9=-5/180, 1-13=-446/1078, 6-8=-1553/639

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 406 lb uplift at joint 14 and 433 lb uplift at joint 8.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061684

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T27	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:28:03 2006 Page 1

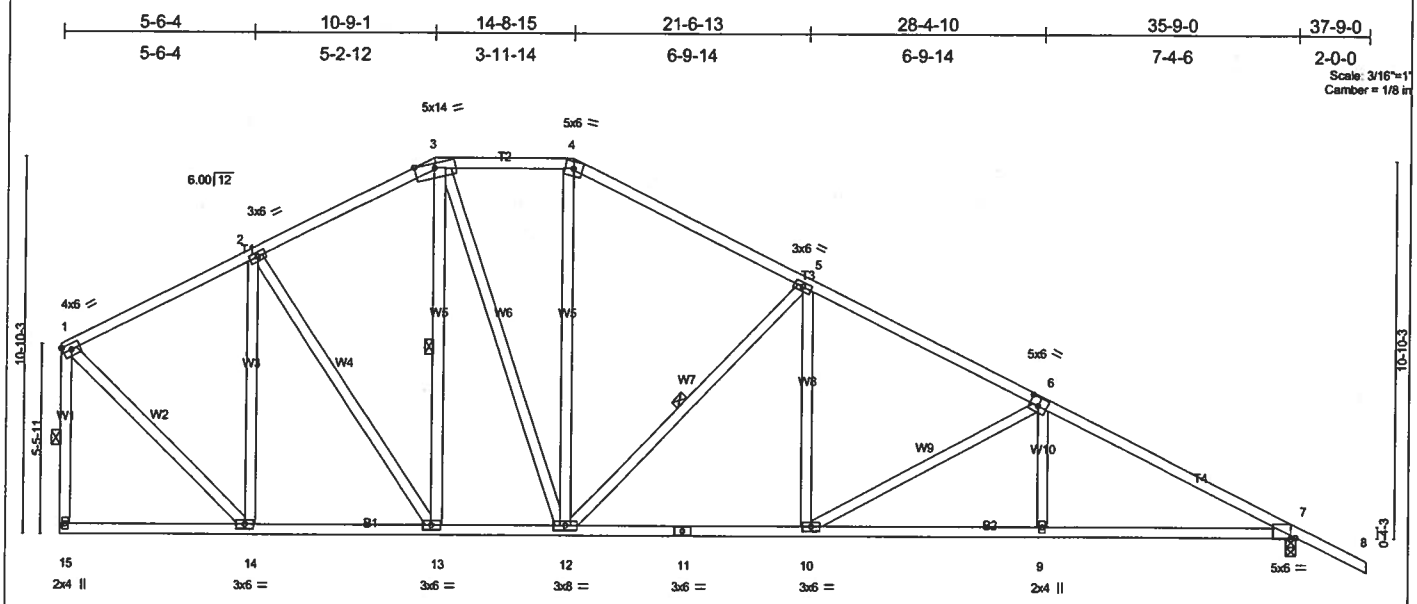


Plate Offsets (X,Y): [6:0-3-0,0-3-0], [7:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	Vert(LL)	-0.18	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.66	Vert(TL)	-0.29	10-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.09	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 246 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-3-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-1-9 oc bracing.
WEBS 1 Row at midpt 3-13, 5-12, 1-15

REACTIONS (lb/size) 15=1486/Mechanical, 7=1609/0-3-8
Max Horz 15=-378(load case 6)
Max Uplift15=-435(load case 5), 7=-611(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1047/492, 2-3=-1255/692, 3-4=-1226/748, 4-5=-1452/755, 5-6=-2102/937, 6-7=-2748/1091, 7-8=0/47, 1-15=-1408/660
BOT CHORD 14-15=0/369, 13-14=-113/883, 12-13=-93/1058, 11-12=-471/1806, 10-11=-471/1806, 9-10=-783/2363, 7-9=-782/2368
WEBS 2-14=-662/388, 2-13=-97/373, 3-13=-191/101, 3-12=-244/572, 4-12=-96/305, 5-12=-836/486, 5-10=-132/521, 6-10=-641/357, 6-9=0/232, 1-14=-492/1193

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 435 lb uplift at joint 15 and 611 lb uplift at joint 7.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061685

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T28	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:30:14 2006 Page 1

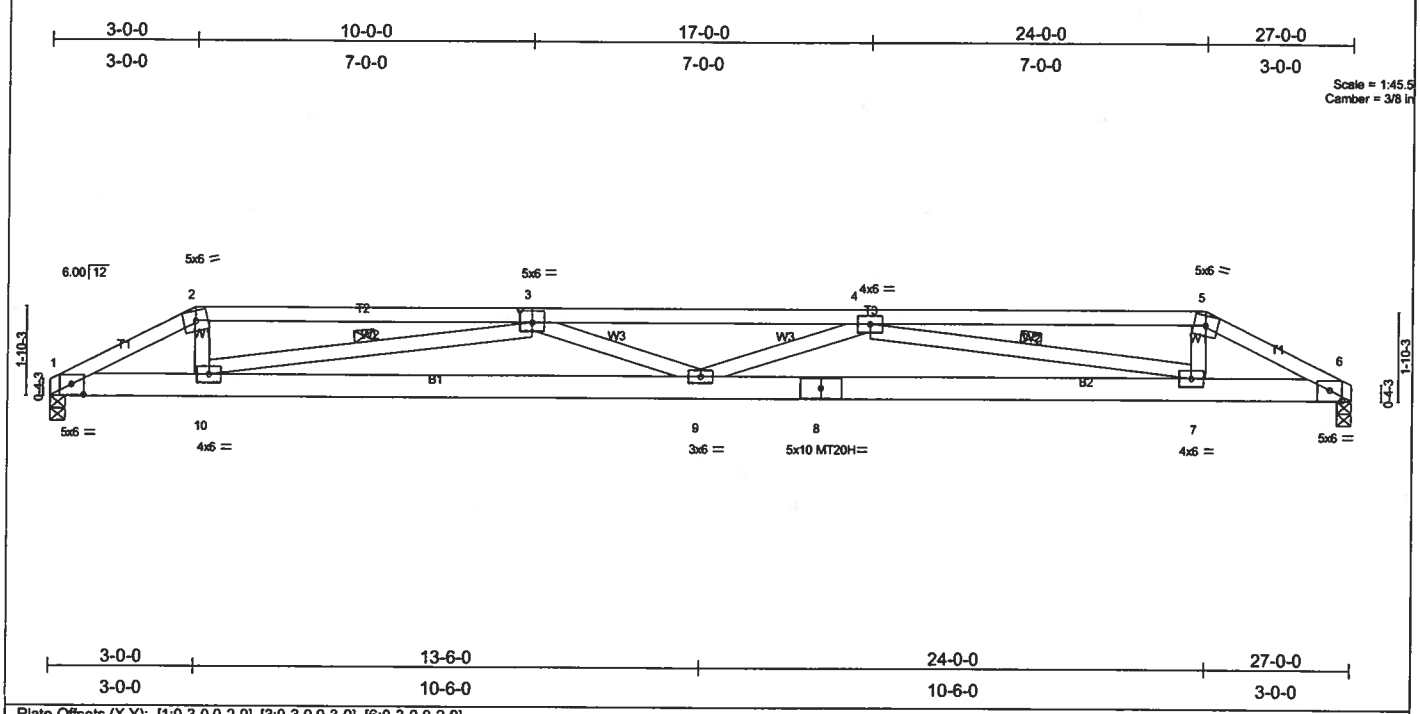


Plate Offsets (X,Y): [1:0-3-0,0-2-9], [3:0-3-0,0-3-0], [6:0-3-0,0-2-9]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.74	Vert(LL)	0.66	9	>483	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.83	Vert(TL)	-0.93	9	>343	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	NO	WB	0.79	Horz(TL)	0.12	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 139 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except* T3 2 X 4 SYP No.1D
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-3-9 oc bracing.
WEBS 1 Row at midpt 3-10, 4-7

REACTIONS (lb/size) 1=1340/0-3-8, 6=1340/0-3-8
Max Horz 1=21(load case 3)
Max Uplift1=-818(load case 3), 6=-818(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2995/1848, 2-3=-2767/1747, 3-4=-5969/3789, 4-5=-2787/1761, 5-6=-3015/1861
BOT CHORD 1-10=-1667/2669, 9-10=-3575/5564, 8-9=-3606/5631, 7-8=-3606/5631, 6-7=-1660/2691
WEBS 2-10=-599/981, 3-10=-2896/1920, 3-9=-233/453, 4-9=-205/383, 4-7=-2941/1947, 5-7=-593/974

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 818 lb uplift at joint 1 and 818 lb uplift at joint 6.
6) Girder carries hip end with 3-0-0 end setback.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 63 lb down and 32 lb up at 24-0-0, and 63 lb down and 32 lb up at 3-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-5=-64(F=-10), 5-6=-54, 1-10=-30, 7-10=-35(F=-5), 6-7=-30
Concentrated Loads (lb)
Vert: 10=-63(F) 7=-63(F)

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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0823061686

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK BLDRS. INC. TURKEY RUN
L207901	T29	ROOF TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Aug 23 12:30:40 2006 Page 1

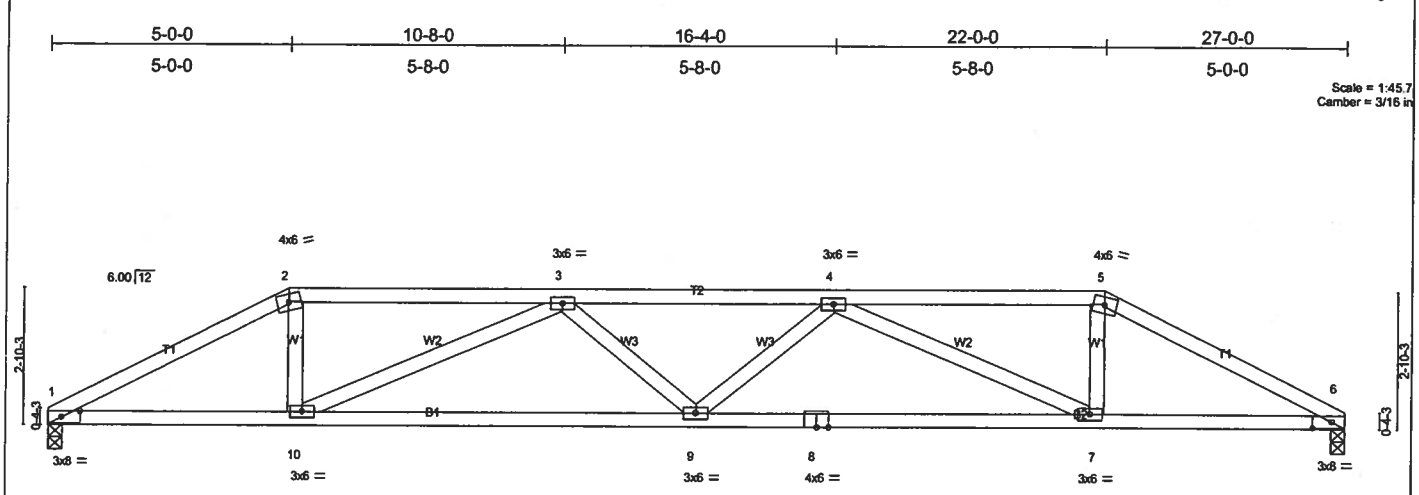

Plate Offsets (X,Y): [1:0-4-12,0-1-8], [6:0-4-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	0.48	9-10	>674	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.70	Vert(TL)	-0.43	9-10	>740	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.11	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 117 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 3-7-2 oc bracing.

REACTIONS (lb/size) 1=1122/0-3-8, 6=1122/0-3-8
Max Horz 1=-37(load case 3)
Max Uplift1=-664(load case 4), 6=-664(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2137/2069, 2-3=-1885/1937, 3-4=-2960/3001, 4-5=-1885/1937, 5-6=-2137/2069
BOT CHORD 1-10=-1766/1847, 9-10=-2665/2816, 8-9=-2665/2816, 7-8=-2665/2816, 6-7=-1766/1847
WEBS 2-10=-722/677, 3-10=-1097/945, 3-9=-278/218, 4-9=-278/218, 4-7=-1097/945, 5-7=-722/677

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 664 lb uplift at joint 1 and 664 lb uplift at joint 6.

LOAD CASE(S) Standard

AUGUST 23, 2006 TRUSS DESIGN ENGINEER:
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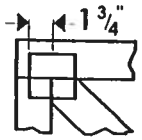
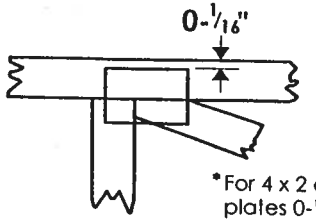
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

*This symbol indicates the required direction of slots in connector plates.

***Plate location details available in MiTek 20/20 software or upon request.**

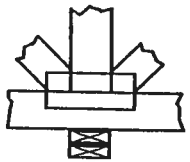
PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

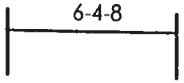


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

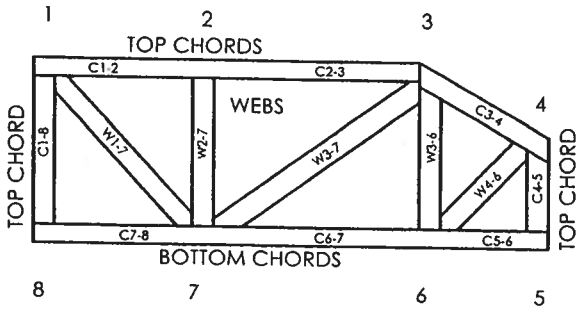
Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI1: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



dimensions shown in ft-in-sixteenths



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A

MiTek®

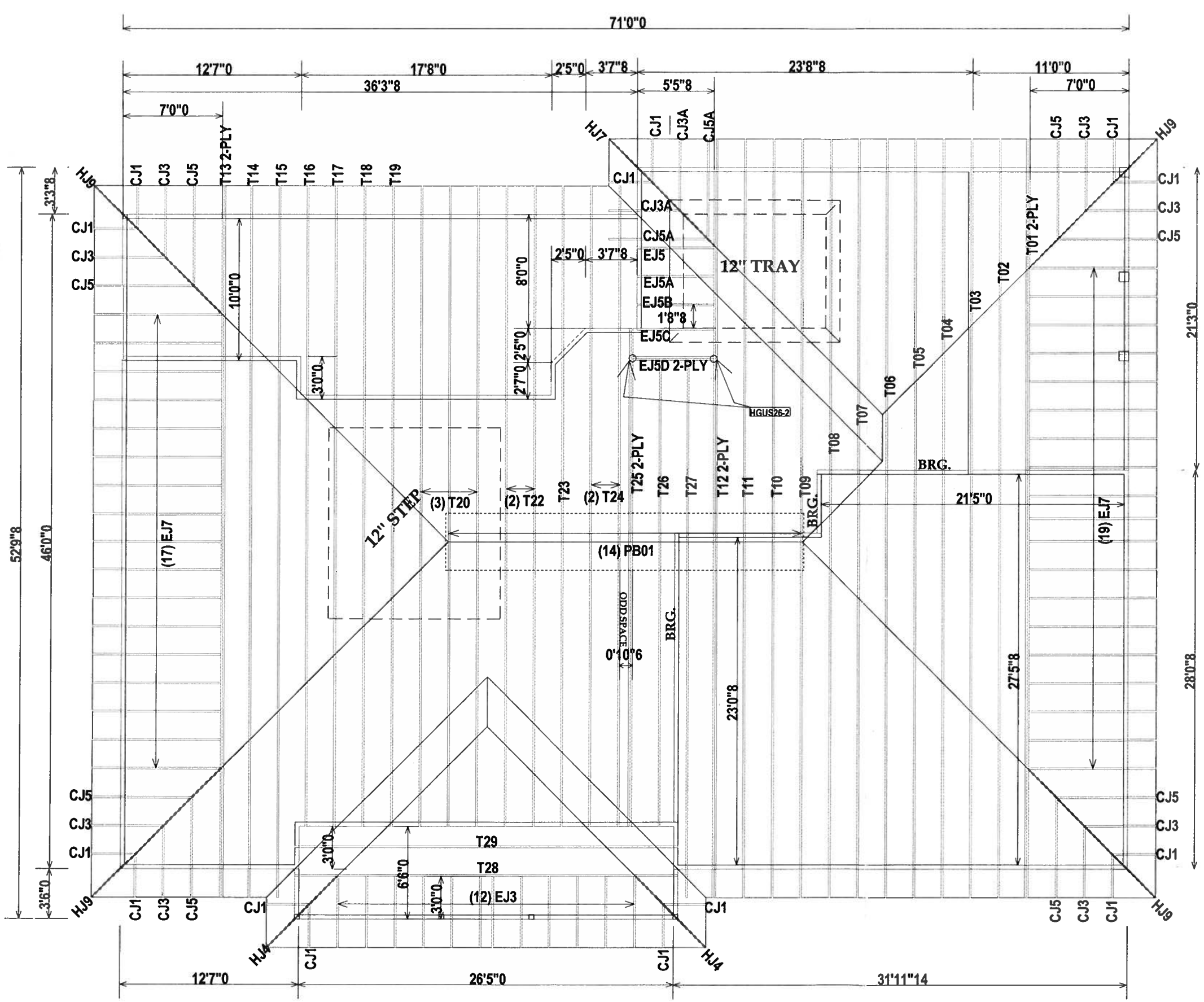
TEE-LOK®

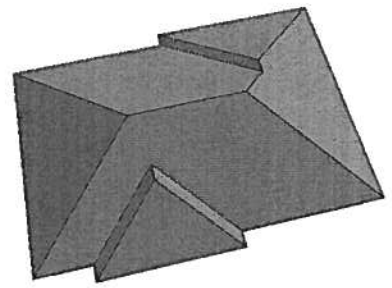
MiTek Engineering Reference Sheet: MII-7473

⚠ General Safety Notes

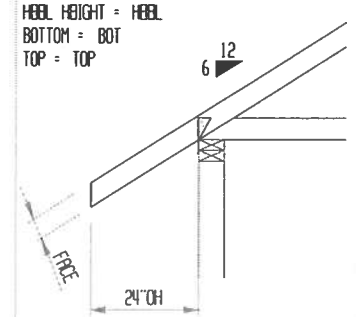
Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI1.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.





APPROVED TRUSS ANCHOR BY BUILDER
PLUMB CUT OVERHANG
HEEL HEIGHT = HEEL
BOTTOM = BOT
TOP = TOP



TRUSS END DETAIL

HANGER SCHEDULE

(2) HTU26
(2) HGUS26-2

BEARING HEIGHT SCHEDULE

8'-0"

OVERHANG

2'-0"

ROOF PITCH(S)

6/12

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.

2.) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V10 FOR ALTERNATE BRACING REQUIREMENTS.

3.) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.

4.) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.

5.) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.

6.) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

7.) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.

8.) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Requested Delivery Date: _____

Approved by: _____ Date: _____

Builders FirstSource
Bunnell
PHONE: 904-437-3349 FAX: 904-437-3494
Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973
Lake City
PHONE: 904-755-6894 FAX: 904-755-7973
Sanford
PHONE: 407-322-0059 FAX: 407-322-5593

BUILDER: **WOODMAN PARK TURKEY RUN**

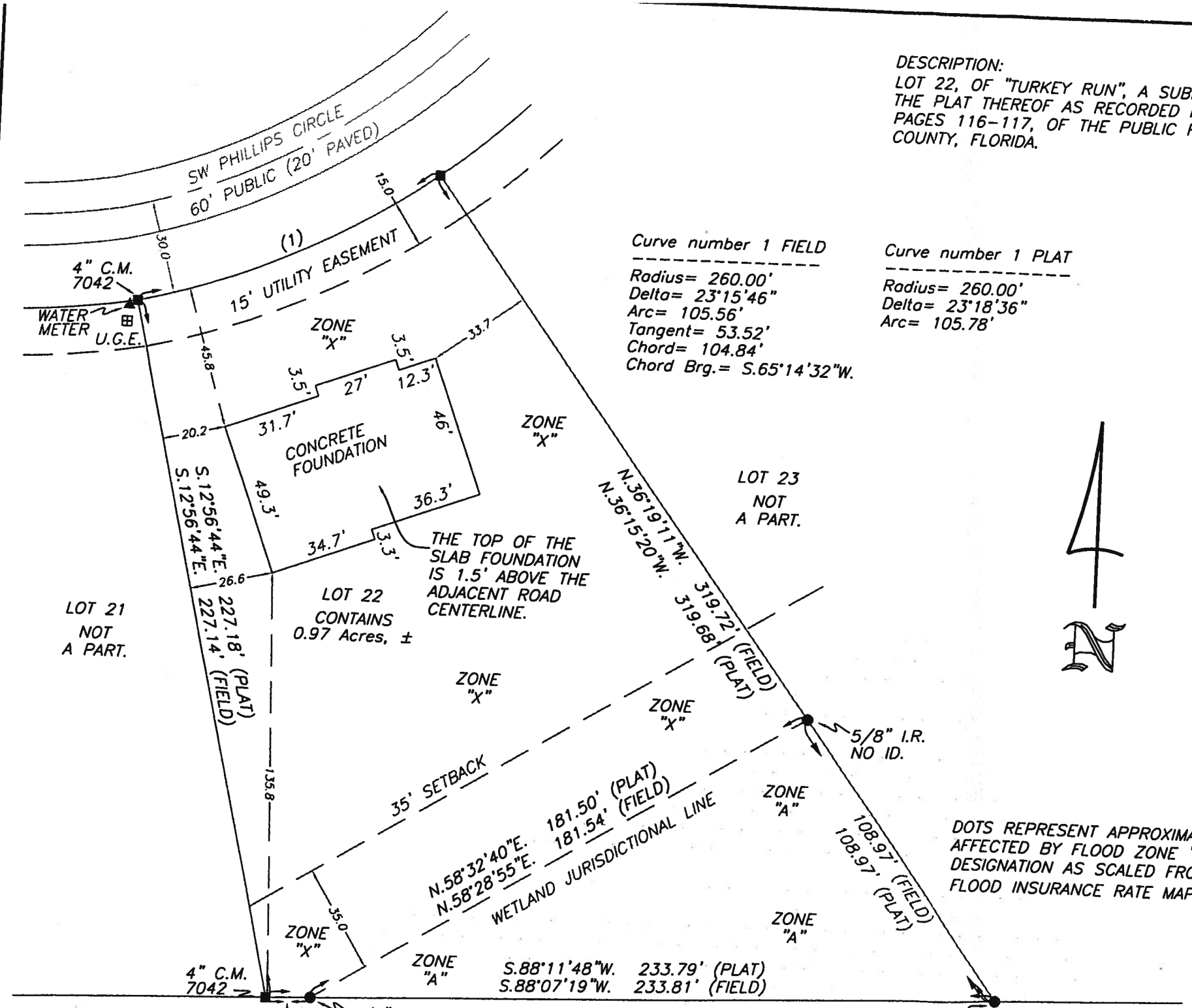
LEGAL ADDRESS: **COLUMBIA, FL**

MODEL:	REVISION:
CUSTOM	SCALE: NTS
DATE: **08/23/06**	DRAWN BY: **AM**
JOB #: **L207901**	

REC'D 12-20-06

BOUNDARY SURVEY
IN SECTION 3,
TOWNSHIP 4 SOUTH,
RANGE 16 EAST.
COLUMBIA COUNTY, FLA.

DESCRIPTION:
LOT 22, OF "TURKEY RUN", A SUBDIVISION ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 7, PAGES 116-117, OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.



Curve number 1 FIELD
Radius= 260.00'
Delta= 23°15'46"
Arc= 105.56'
Tangent= 53.52'
Chord= 104.84'
Chord Brg.= S.65°14'32"W.

Curve number 1 PLAT
Radius= 260.00'
Delta= 23°18'36"
Arc= 105.78'

SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
2. BEARINGS BASED ON DEED OF RECORD USING MONUMENTS FOUND ON THE WEST LINE OF SAID LOT 22.
3. PART OF THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD INSURANCE RATE MAP, DATED JANUARY 6, 1988, COMMUNITY PANEL NO. 120070 0175 B. HOWEVER, PART IS IN ZONE "A" AND IS SUBJECT TO FLOODING.
4. NO EASEMENT FOR UTILITY AND/OR DRAINAGE IS SHOWN ON THIS LOT IN RECORDS IN THE POSSESSION OF THIS OFFICE.
5. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
6. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
7. "NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER."
8. CLOSURE OF FIELD SURVEY IS BETTER THAN 1/7,500.
9. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR TITLE POLICY. THEREFORE EXCEPTION IS MADE HEREON REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, AND/OR TITLE CONFLICTS OF RECORD, IF ANY, NOT PROVIDED BY THE CLIENT OR HIS AGENTS.
10. CERTIFIED TO:

WILLIS BUTLER

DOTS REPRESENT APPROXIMATE AREA AFFECTED BY FLOOD ZONE "A" DESIGNATION AS SCALED FROM FLOOD INSURANCE RATE MAPS.

SYMBOL LEGEND

■	CONCRETE MONUMENT FOUND
□	CONCRETE MONUMENT SET, LS 4708
●	IRON PIN OR PIPE FOUND
○	5/8" IRON ROD SET, LS 4708
—x—	WIRE FENCE
—E—	ELECTRIC UTILITY LINE (OVERHEAD)
– UGE –	UNDERGROUND ELECTRIC SERVICE
— CTV —	CABLE TV LINE (OVERHEAD)
—o—	CHAIN LINK FENCE
—o—	WOODEN FENCE
CMP	CORRUGATED METAL PIPE
RCP	REINFORCED CONCRETE PIPE
LS	LAND SURVEYOR
LB	LICENSED BUSINESS
ORB	OFFICIAL RECORD BOOK
PRM	PERMANENT REFERENCE MONUMENT
PCP	PERMANENT CONTROL POINT
⊗	UTILITY POLE
R/W	RIGHT-OF-WAY
NO ID.	NO IDENTIFICATION
FLA. D.O.T.	FLA. DEPT. OF TRANSPORTATION
℄	CENTERLINE
C.M.	CONCRETE MONUMENT
I.R.	IRON ROD
I.P.	IRON PIPE

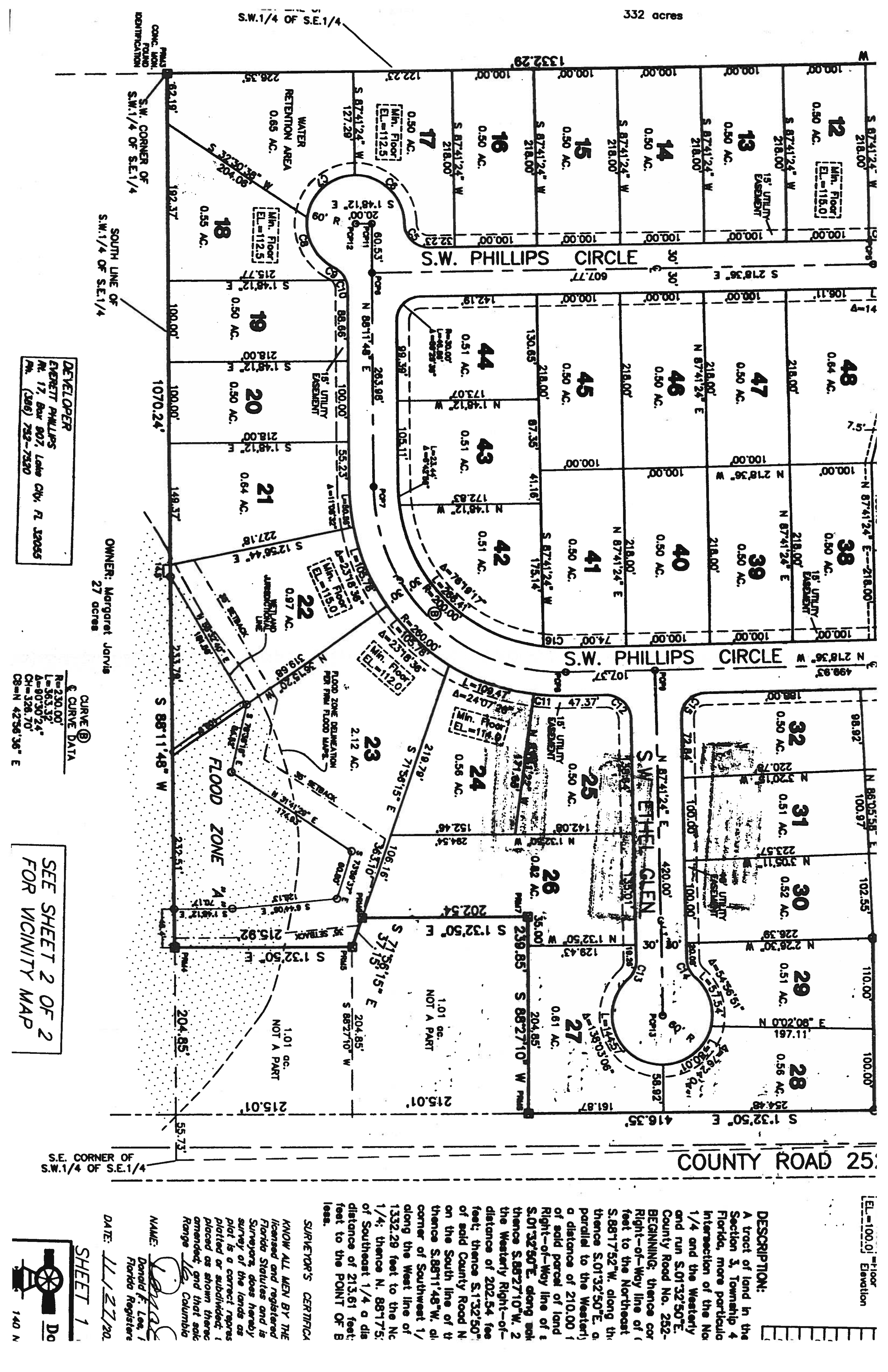
0 10 20 40 80
GRAPHIC SCALE

SIGNED: _____
MARK D. DUREN, LS 4708

MARK D. DUREN, P.S.M.
LS 4708

1604 SW SISTERS WELCOME ROAD
LAKE CITY, FLA. 32025
(386) 758-9831 OFFICE
(386) 758-8010 FAX

FIELD SURVEY DATE NOVEMBER 15, 2006
DATE DRAWN NOVEMBER 16, 2006
FOR BUTLER
FIELD BOOK 171 PAGE 33,34
DRAWN BY M. DUREN/ A. DYAL
WO# 06-685



S.W.1/4 OF S.E.1/4
332 acres
S.W. CORNER OF S.W.1/4 OF S.E.1/4
SOUTH LINE OF S.W.1/4 OF S.E.1/4
WATER RETENTION AREA 0.65 AC.
S.W. PHILLIPS CIRCLE
S.W. ETHEL GLEN
COUNTY ROAD 252
FLOOD ZONE "A"
OWNER: Margaret Jarvis 27 acres
DEVELOPER EVERETT PHILLIPS Rt. 17, Box 907, Lake City, FL 32055 Ph. (386) 752-7520
CURVE B CURVE DATA R=230.00' L=363.37' Δ=90°30'24" CH=326.70' CB=N 42°56'36" E
SEE SHEET 2 OF 2 FOR VICINITY MAP
S.E. CORNER OF S.W.1/4 OF S.E.1/4
1.01 AC. NOT A PART
FLOOD ZONE DELINEATION PER FIRM FLOOD MAPS
DESCRIPTION:
SURVEYOR'S CERTIFICATE
SHEET 1
EL=100.0 Floor Elevation

12.06 ACS

AREA A_2

2.49 ACS.

AREA A_4
19.86 ACS.

2.02 AC.
NOT A PART

LOW AREA

WELL

BOT. EL. 105.0

100 YEAR FLOOD EL. 109.0

PERCULATION TEST HOLE 4' DEEP
SANDY CLAY @ 3.5'
S SATURATED FOR 24 HOURS
E HOLE PERKED DRY IN 2 HRS.
DATES OCT. 13TH AND 14TH.

EL. 112.5

EL. 115.0

EL. 114.0

S-3

PT 34+07.89

PC 30+44.58

20' DRAINAGE EASEMENT

0.186%

1275.09'

℄ SPECIAL DITCH

DPI EL. 111.0

35' SETBACK

S73°59'37"E
60.80'

N31°41'29"E
174.93'

S6°44'06"E
128.13'

S78°38'18"E
84.52'

N58°32'40"E
188.50'

S1°48'12"E
70.17'

WETLANDS
AREA A

3:1 SL.

8' 4' 10' 10' 4'

16" SOD

3/4"/1'

SL. 1/4"/1'

SLOPE 1/4"/'

4:1

NG

R/W

8" TK. STABILIZED BASE
.IZED TO A MIN. LBR OF 30
) TO 98% OF STD. PROCTOR

LIMEROCK BASE SHALL BE COMPACTED
TO 98% OF STANDARD DENSITY
PER FLA. DOT SPEC. SEC. 200.

4" TK. STABILIZED SHOLDER
COMPACTED TO AN LBR OF 40

TYPICAL SECTION
6" LIMEROCK BASE PRIMED, WITH

℄ SPEC. DT.

NG

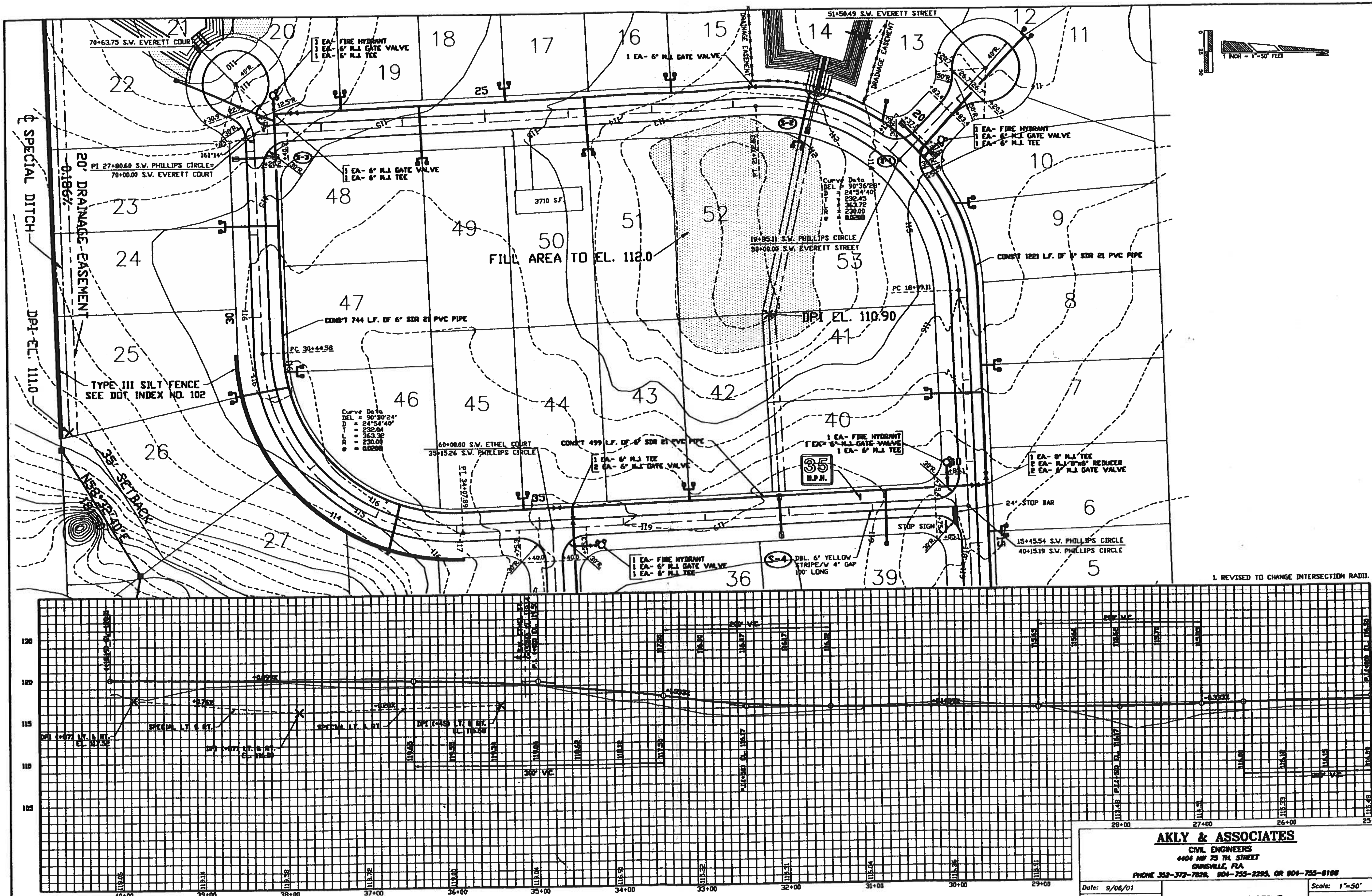
3:1 SL.

3:1 SL.

SECTION A

SCALE: NTS

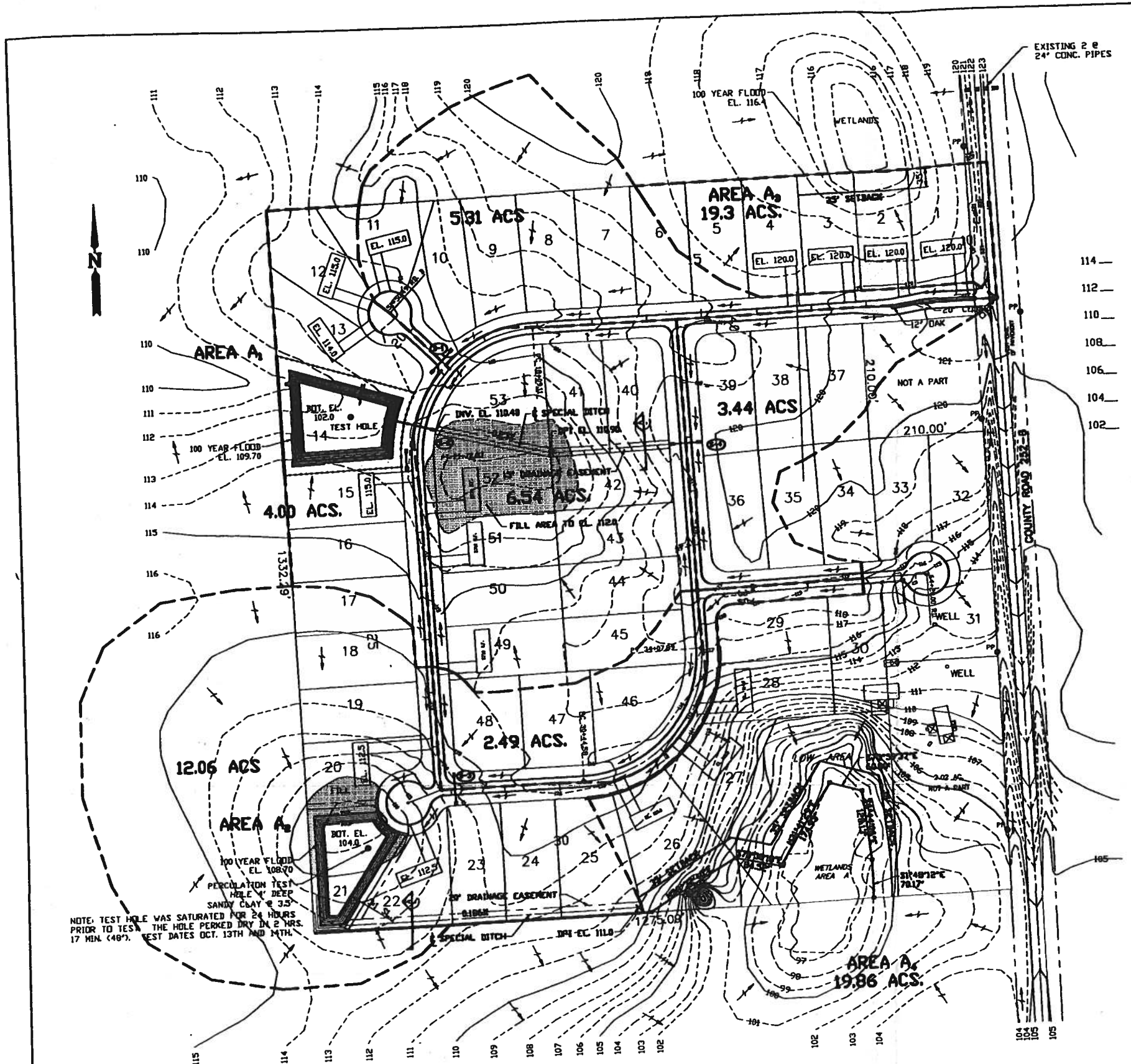
NOTES:
1. INTERSI
2. STRIPP
3. ALL CI

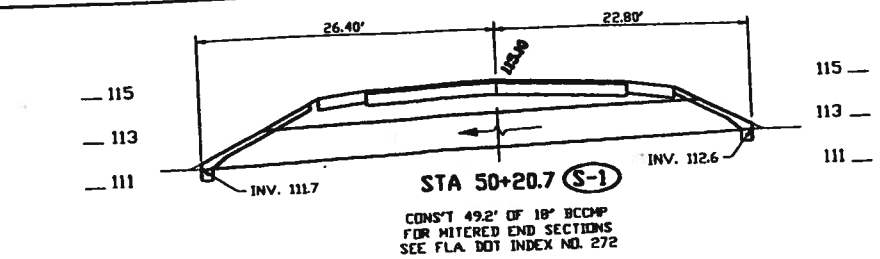


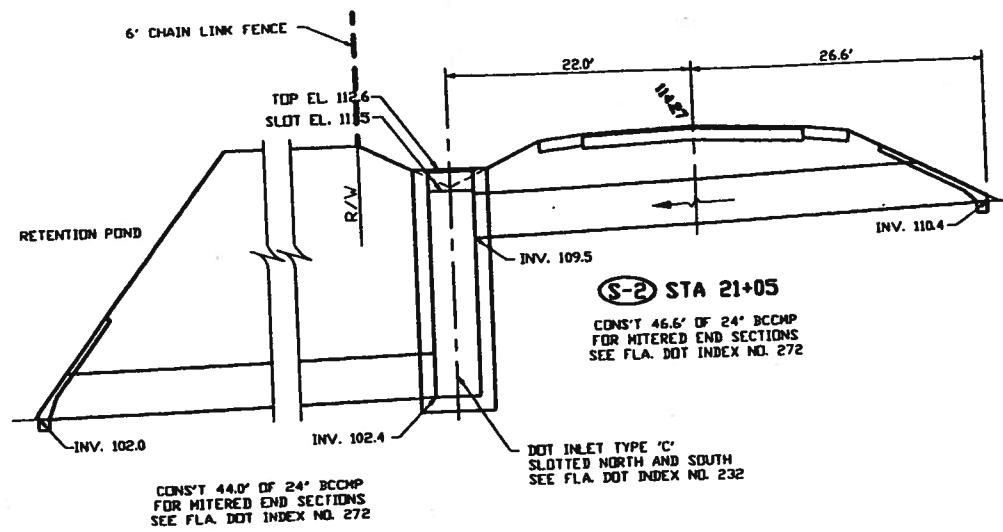
1. REVISED TO CHANGE INTERSECTION RADII.

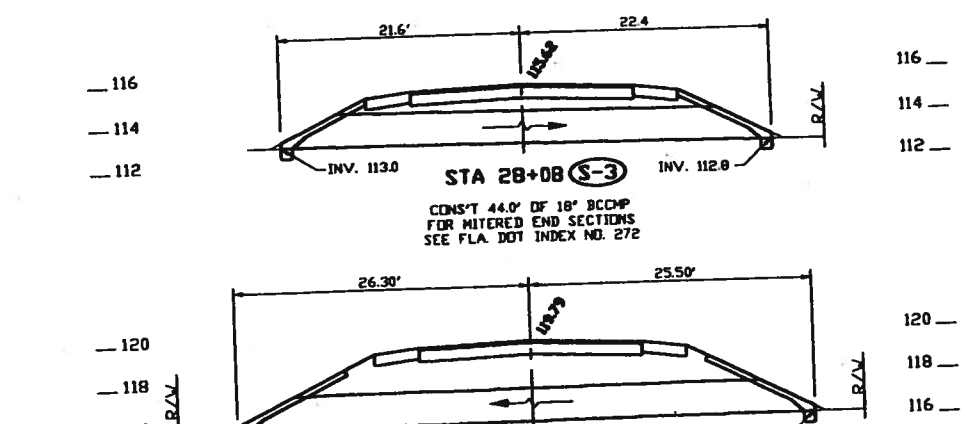
AKLY & ASSOCIATES
CIVIL ENGINEERS
4404 NW 73 TH. STREET
GAINSVILLE, FLA.
PHONE 352-372-7829, 904-755-2295, OR 904-755-8198

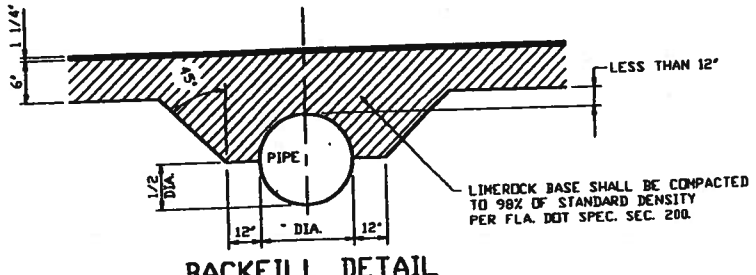
Date: 9/06/01	PLAN AND PROFILE TURKEY RUN	Scale: 1"=50'
Drafting: A.TERRY		
Computations: I.S.AKLY		File: EVPP2
Checked: I.S.AKLY		Drg. No.: 4 OF 10



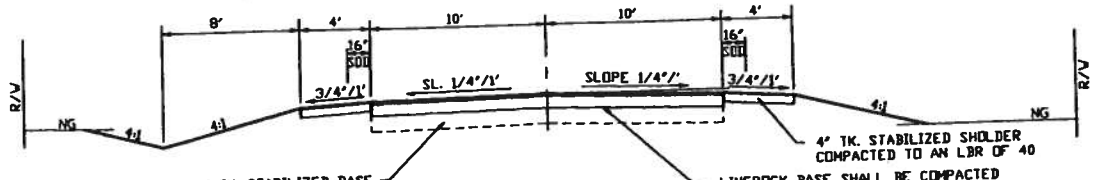




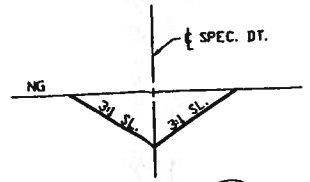




BACKFILL DETAIL
FOR PIPES WITH LESS THEN
12" OF COVER BELOW BOTTOM
OF ROADWAY BASE



TYPICAL SECTION
6" LIMEROCK BASE, PRIMED, WITH



SECTION A
SCALE: NTS

TYPE III SILT FENCE
SEE DOT INDEX NO. 102

NOTES:
1. INTERSECTION DESIGN BASED ON FLA. DOT INDEX NO. 515.
2. STRIPPING AND SIGNAGE PER FLA. DOT INDEX NOS. 17302, 17344, 17346 AND 17352.
3. ALL CROSS DRAIN PIPES SHALL BE BITUMINOUS COATED PER AASHTO M 190, TYPE A.

1. REVISED RETENTION POND AND STRUCTURE S-3.

AKLY & ASSOCIATES
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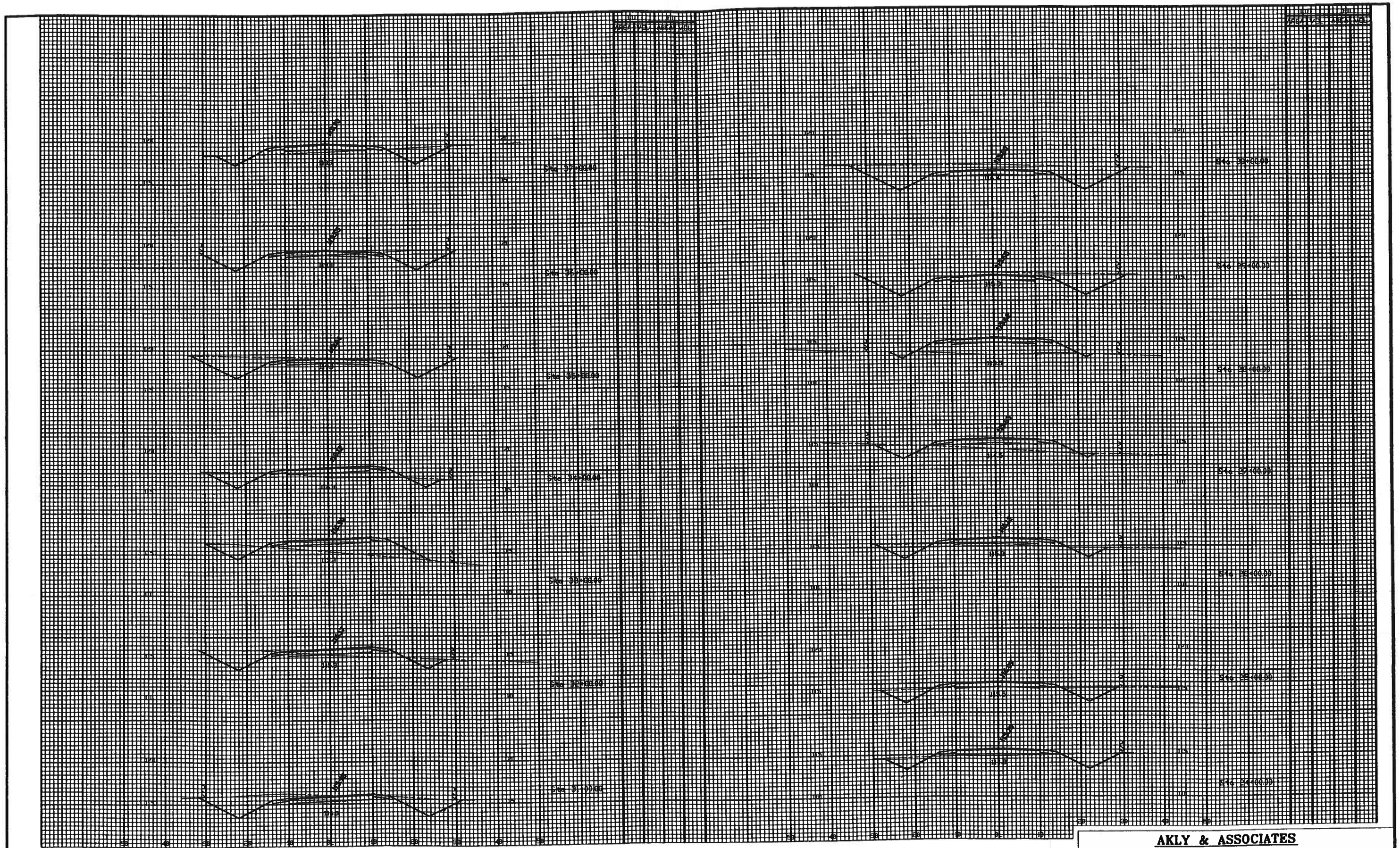
4404 NW 75 TH. STREET
GAINSVILLE, FLA.
PHONE 352-373-7829, 904-755-2295, OR 904-755-6166

Date: 9/06/01	MASTER DRAINAGE PLAN TURKEY RUN	Scale: 1"=100'
Drafting: A.TERRY		
Computations: I.S.AKLY		File: EVMDP
Checked: I.S.AKLY		Drg. No.: 2 OF 10



AKLY & ASSOCIATES
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4404 NW 75 TH. STREET
GAINSVILLE, FLA.
PHONE 352-372-7879, 904-755-2295, OR 904-755-8166

Date: 06/26/01	CROSS SECTIONS	Scale: AS SHOWN
Drafting: ARNOLD TERRY		
Computations: JSAKLY		File: EVXS2